

## Aws Lambda The Complete Guide To Serverless Microservices

Dive into the technicalities of Amazon Web Services and learn how to incorporate it into your business to turn it into a success! If an investment such as this book provides you with the ultimate guide to expand your business in order to keep up with current challenges and demands, why would you hesitate to give it a go? Amazon Web Services (AWS) is an elaborate cloud computing solution devised by Amazon that is used by individuals, companies, and even governments to scale and grow. This book will take you through the history of AWS and ensure that you understand what AWS offers and how it is relevant to your business or organizational use. Many AWS-specific terminologies that make up the service like EC2, Availability Zone, and S3 are discussed in detail. Along with highlighting the benefits of using AWS, Amazon Web Services by Maxwell Blackmore is sincere as it also visits the service's drawbacks. There's a lot more that you will get from this book, such as: Common myths about AWS and the evidence against them AWS from a factual perspective An introduction to cloud computing; what it is and what its pros and cons are A detailed discussion of the types of cloud computing and their service providers The advantages of using cloud networking and cloud storage An elaborate guide on Amazon Web Services including useful insight on Lambda, EBS, EC2, and much more In order to make considerable profits, you must step out of the comfort zone that you have known for too long. Tools like Amazon Web Services have been created in order to aid businesses and businesses that follow through with these tools end up on the higher end of the spectrum. Towards the end of this book, you will have learned what cloud computing is, what AWS brings to the table of cloud computing, how it is relevant to small and large-scale businesses, and how to get the best out of Amazon Web Services - all from scratch!

Validate your AWS skills. This is your opportunity to take the next step in your career by expanding and validating your skills on the AWS cloud. AWS has been the frontrunner in cloud computing products and services, and the AWS Certified Solutions Architect Official Study Guide for the Associate exam will get you fully prepared through expert content, and real-world knowledge, key exam essentials, chapter review questions, access to Sybex's interactive online learning environment, and much more. This official study guide, written by AWS experts, covers exam concepts, and provides key review on exam topics, including: Mapping Multi-Tier Architectures to AWS Services, such as web/app servers, firewalls, caches and load balancers Understanding managed RDBMS through AWS RDS (MySQL, Oracle, SQL Server, Postgres, Aurora) Understanding Loose Coupling and Stateless Systems Comparing Different Consistency Models in AWS Services Understanding how AWS CloudFront can make your application more cost efficient, faster and secure Implementing Route tables, Access Control Lists, Firewalls, NAT, and DNS Applying AWS Security Features along with traditional Information and Application Security Using Compute, Networking, Storage, and Database AWS services Architecting Large Scale Distributed Systems Understanding of Elasticity and Scalability Concepts Understanding of Network Technologies Relating to AWS Deploying and Managing Services with tools such as CloudFormation, OpsWorks and Elastic Beanstalk. Learn from the AWS subject-matter experts, review with proven study tools, and apply real-world scenarios. If you are looking to take the AWS Certified Solutions Architect Associate exam, this guide is what you need for comprehensive content and robust study tools that will help you gain the edge on exam day and throughout your career.

The AWS Certified Solutions Architect Professional exam validates advanced technical skills and experience in designing distributed applications and systems on the AWS platform. Example concepts you should understand for this exam include: - Designing and deploying dynamically scalable, highly available, fault-tolerant, and reliable applications on AWS - Selecting appropriate AWS services to design and deploy an application based on given requirements - Migrating complex, multi-tier applications on AWS - Designing and deploying enterprise-wide scalable operations on AWS - Implementing cost-control strategies - Recommended AWS Knowledge This book contains Free Resources. Preview the book & see what's inside.

Amazon Web Services (AWS) Lambda lets you run JavaScript (Node.js), Java & Python scripts/apps in Amazon's (virtually) infinitely-scalable cloud environment without having provision VM instances or other "orchestration"; Everything is dynamically auto-scaled so if you have 1 user or 1 billion you pay for usage. AWS are effectively disrupting their (own) existing business with Lambda. Instead of forcing us to pay for EC2 instances in fixed increments and have complex application monitoring/scaling, AWS have built a much simpler way of building & running micro-services. Lambda also disrupts other Platform-as-a-Service ("PaaS") providers such as Heroku, Google App Engine, Azure or Modulus where you pay for a specific amount of compute power & RAM but have a scaling delay and scale in a fixed increment(instances).

Build, deploy, test, and run cloud-native serverless applications using AWS Lambda and other popular AWS services Key Features Learn how to write, run, and deploy serverless applications in Amazon Web Services Make the most of AWS Lambda functions to build scalable and cost-efficient systems Build and deploy serverless applications with Amazon API Gateway and AWS Lambda functions Book Description Serverless computing is a way to run your code without having to provision or manage servers. Amazon Web Services provides serverless services that you can use to build and deploy cloud-native applications. Starting with the basics of AWS Lambda, this book takes you through combining Lambda with other services from AWS, such as Amazon API Gateway, Amazon DynamoDB, and Amazon Step Functions. You'll learn how to write, run, and test Lambda functions using examples in Node.js, Java, Python, and C# before you move on to developing and deploying serverless APIs efficiently using the Serverless Framework. In the concluding chapters, you'll discover tips and best practices for leveraging Serverless Framework to increase your development productivity. By the end of this book, you'll have become well-versed in building, securing, and running serverless applications using Amazon API Gateway and AWS Lambda without having to manage any servers. What you will learn Understand the core

concepts of serverless computing in AWS Create your own AWS Lambda functions and build serverless APIs using Amazon API Gateway Explore best practices for developing serverless applications at scale using Serverless Framework Discover the DevOps patterns in a modern CI/CD pipeline with AWS CodePipeline Build serverless data processing jobs to extract, transform, and load data Enforce resource tagging policies with continuous compliance and AWS Config Create chatbots with natural language understanding to perform automated tasks Who this book is for This AWS book is for cloud architects and developers who want to build and deploy serverless applications using AWS Lambda. A basic understanding of AWS is required to get the most out of this book.

The AWS Certified Machine Learning Specialty 2020 Certification Guide covers everything you need to pass the MLS-C01 certification exam and serves as a handy, on-the-job reference guide. You'll also find the book useful if you're looking to get up to speed with AWS services for machine learning.

A practical guide for developing end-to-end serverless microservices in Python for developers, DevOps, and architects. Key Features Create a secure, cost-effective, and scalable serverless data API Use identity management and authentication for a user-specific and secure web application Go beyond traditional web hosting to explore the full range of cloud hosting options Book Description Over the last few years, there has been a massive shift from monolithic architecture to microservices, thanks to their small and independent deployments that allow increased flexibility and agile delivery. Traditionally, virtual machines and containers were the principal mediums for deploying microservices, but they involved a lot of operational effort, configuration, and maintenance. More recently, serverless computing has gained popularity due to its built-in autoscaling abilities, reduced operational costs, and increased productivity. Building Serverless Microservices in Python begins by introducing you to serverless microservice structures. You will then learn how to create your first serverless data API and test your microservice. Moving on, you'll delve into data management and work with serverless patterns. Finally, the book introduces you to the importance of securing microservices. By the end of the book, you will have gained the skills you need to combine microservices with serverless computing, making their deployment much easier thanks to the cloud provider managing the servers and capacity planning. What you will learn Discover what microservices offer above and beyond other architectures Create a serverless application with AWS Gain secure access to data and resources Run tests on your configuration and code Create a highly available serverless microservice data API Build, deploy, and run your serverless configuration and code Who this book is for If you are a developer with basic knowledge of Python and want to learn how to build, test, deploy, and secure microservices, then this book is for you. No prior knowledge of building microservices is required.

Work through exciting recipes to administer your AWS cloud Key Features Build secure environments using AWS components and services Explore core AWS features with real-world applications and best practices Design and build Lambda functions using real-world examples Book Description With this Learning Path, you'll explore techniques to easily manage applications on the AWS cloud. You'll begin with an introduction to serverless computing, its advantages, and the fundamentals of AWS. The following chapters will guide you on how to manage multiple accounts by setting up consolidated billing, enhancing your application delivery skills, with the latest AWS services such as CodeCommit, CodeDeploy, and CodePipeline to provide continuous delivery and deployment, while also securing and monitoring your environment's workflow. It'll also add to your understanding of the services AWS Lambda provides to developers. To refine your skills further, it demonstrates how to design, write, test, monitor, and troubleshoot Lambda functions. By the end of this Learning Path, you'll be able to create a highly secure, fault-tolerant, and scalable environment for your applications. This Learning Path includes content from the following Packt products: AWS Administration: The Definitive Guide, Second Edition by Yohan Wadia AWS Administration Cookbook by Rowan Udell, Lucas Chan Mastering AWS Lambda by Yohan Wadia, Udita Gupta What you will learn Explore the benefits of serverless computing and applications Deploy apps with AWS Elastic Beanstalk and Amazon Elastic File System Secure environments with AWS CloudTrail, AWSConfig, and AWS Shield Run big data analytics with Amazon EMR and Amazon Redshift Back up and safeguard data using AWS Data Pipeline Create monitoring and alerting dashboards using CloudWatch Effectively monitor and troubleshoot serverless applications with AWS Design serverless apps via AWS Lambda, DynamoDB, and API Gateway Who this book is for This Learning Path is specifically designed for IT system and network administrators, AWS architects, and DevOps engineers who want to effectively implement AWS in their organization and easily manage daily activities. Familiarity with Linux, web services, cloud computing platforms, virtualization, networking, and other administration-related tasks will assist in understanding the concepts in the book. Prior hands-on experience with AWS core services such as EC2, IAM, S3, and programming languages, such as Node.js, Java, and C#, will also prove beneficial.

Foreword by Werner Vogels, Vice President and Corporate Technology Officer, Amazon The AWS exam has been updated. Your study guide should be, too. The AWS Certified Developer Official Study Guide—Associate Exam is your ultimate preparation resource for the latest exam! Covering all exam objectives, this invaluable resource puts a team of AWS experts at your side with expert guidance, clear explanations, and the wisdom of experience with AWS best practices. You'll master core services and basic architecture, and equip yourself to develop, deploy, and debug cloud-based applications using AWS. The AWS Developer certification is earned by those who demonstrate the technical knowledge and skill associated with best practices for building secure, reliable cloud-based applications using AWS technology. This book is your official exam prep companion, providing everything you need to know to pass with flying colors. Study the AWS Certified Developer Exam objectives Gain expert insight on core AWS services and best practices Test your understanding of key concepts with challenging chapter questions Access online study tools including electronic flashcards, a searchable glossary, practice exams, and more Cloud computing offers businesses the opportunity to replace up-front capital infrastructure expenses with low, variable costs that scale as they grow. This customized responsiveness has negated the need for far-future infrastructure planning, putting thousands of servers at their disposal as needed—and businesses have responded, propelling AWS to the number-one spot among cloud service providers. Now these

businesses need qualified AWS developers, and the AWS certification validates the exact skills and knowledge they're looking for. When you're ready to get serious about your cloud credentials, the AWS Certified Developer Official Study Guide—Associate Exam is the resource you need to pass the exam with flying colors. NOTE: As of October 7, 2019, the accompanying code for hands-on exercises in the book is available for downloading from the secure Resources area in the online test bank. You'll find code for Chapters 1, 2, 11, and 12.

**AWS Lambda The Complete Guide To Serverless Microservices - Learn Everything You Need To Know About AWS Lambda!** This book provides the complete guide of AWS lambda, the serverless micro services and implementation of AWS lambda to serverless applications. Serverless micro services are relatively new term in the technological world. Serverless is new and innovative architectural design in which the computing unit should not be the virtual computing device rather to operate encapsulating the code. The book has been divided into various topics related to AWS lambda in order to explain thoroughly the serverless micro services and lambda. The first section explains the introduction to the term AWS lambda whereas the next section gives a detailed description on how to build AWS lambda application by explaining the implementation of AWS lambda. Another section is about the creation of serverless schedule by using API gateways and AWS lambda. Since the application might face troubles in creating, designing, deploying and in the implementation phase, therefore the monitoring the AWS lambda function is needed in every phase. Troubleshooting and monitoring the application of AWS lambda has also been explained comprehensively.

**Build cost-effective and highly scalable Serverless applications using AWS Lambda.** About This Book\* Leverage AWS Lambda to significantly lower your infrastructure costs and deploy out massively scalable, event-driven systems and applications\* Learn how to design and build Lambda functions using real-world examples and implementation scenarios\* Explore the Serverless ecosystem with a variety of toolsets and AWS services including DynamoDB, API Gateway, and much more! Who This Book Is For If you are a Cloud administrator and/or developer who wishes to explore, learn, and leverage AWS Lambda to design, build, and deploy Serverless applications in the cloud, then this is the book for you! The book assumes you have some prior knowledge and hands-on experience with AWS core services such as EC2, IAM, S3, along with the knowledge to work with any popular programming language such as Node.js, Java, C#, and so on. What You Will Learn\* Understand the hype, significance, and business benefits of Serverless computing and applications\* Plunge into the Serverless world of AWS Lambda and master its core components and how it works\* Find out how to effectively and efficiently design, develop, and test Lambda functions using Node.js, along with some keen coding insights and best practices\* Explore best practices to effectively monitor and troubleshoot Serverless applications using AWS CloudWatch and other third-party services in the form of Datadog and Loggly\* Quickly design and develop Serverless applications by leveraging AWS Lambda, DynamoDB, and API Gateway using the Serverless Application Framework (SAF) and other AWS services such as Step Functions\* Explore a rich variety of real-world Serverless use cases with Lambda and see how you can apply it to your environments In Detail AWS is recognized as one of the biggest market leaders for cloud computing and why not? It has evolved a lot since the time it started out by providing just basic services such as EC2 and S3 and today; they go all the way from IoT to Machine Learning, Image recognition, Chatbot Frameworks, and much more! One of those recent services that is also gaining a lot of traction is AWS Lambda! Although seemingly simple and easy to use, Lambda is a highly effective and scalable compute service that provides developers with a powerful platform to design and develop Serverless event-driven systems and applications. The book begins with a high-level introduction into the world of Serverless computing and its advantages and use cases, followed by a deep dive into AWS Lambda! You'll learn what services AWS Lambda provides to developers; how to design, write, and test Lambda functions; as well as monitor and troubleshoot them. The book is designed and accompanied with a vast variety of real-world examples, use cases, and code samples that will enable you to get started on your Serverless applications quickly. By the end of the book, you will have gained all the skills required to work with AWS Lambda services! Style and approach This step-by-step guide will help you build Serverless applications and run Serverless workloads using the AWS Lambda service. You'll be able to get started with it in a matter of minutes with easy-to-follow code snippets and examples.

Get the definitive guide on Gatsby, the JavaScript framework for building blazing fast websites and applications. Used by Nike, Costa Coffee, and other companies worldwide, Gatsby is emerging as one of the key technologies in the Jamstack (JavaScript, APIs, and markup) ecosystem. With this comprehensive guide, you'll learn how to architect, build, and deploy Gatsby sites independently or with CMSs, commerce systems, and other data sources. Author Preston So begins by showing you how to set up a Gatsby site from scratch. From there, you'll learn ways to use Gatsby's declarative rendering and GraphQL API, build complex offline-enabled sites, and continuously deploy Gatsby sites on a variety of platforms, including Gatsby Cloud. Discover how Gatsby integrates with many data sources and plug-ins Set up, configure, and architect Gatsby sites using Gatsby's CLI, React, JSX, and GraphQL with high performance out of the box Build an independent Gatsby site based on Markdown and data- and content-driven Gatsby sites that integrate with CMSs and commerce platforms Deploy Gatsby sites with full CI/CD and test coverage on a variety of platforms, including Netlify, Vercel, and Gatsby Cloud

**AWS Lambda Book** This book is an exploration of the AWS Lambda. The first part is a guide for you on how to create a deployment package in the various programming languages such as Java, Node.JS, and Python. The concept of limits in AWS Lambda resources is discussed, and you will learn more about how to work with them. Due to concurrent execution, which you might need to support, you will be guided on how to override the defaults for these limits on the various resources. Event sources in AWS Lambda are also discussed in detail, and thus, you will learn more about them. The permissions which are necessary for us to use the various resources in AWS Lambda are also explored, so that you will learn how to grant these to your account. The AWS Lambda console is of great importance, but there are permissions which you must have for you to use it. These are examined in detail, as well as the Resource-Based Policies in AWS Lambda Actions. The following topics are discussed: Creation of a Deployment Package AWS Lambda Limits Event Sources in AWS Lambda Managing Resource Access Permissions Permissions Required for Using AWS Lambda Console Resource-Based Policies in AWS Lambda Actions Here is a preview of what you'll learn: Creation of a Deployment Package AWS Lambda Limits Event Sources in AWS Lambda Managing Resource Access Permissions Permissions Required for Using AWS Lambda Console Resource-Based Policies in AWS Lambda Actions Download your copy of AWS Lambda Book by scrolling up and clicking "Buy Now With 1-Click" button.

**AWS Lambda - A Comprehensive Beginner's Guide** Have you been thinking of a career in IT? In your looking around the web, have you been intrigued by the concept of microservices, and particularly of something you have heard of called Lambda? If you

answered "yes" to those questions, then this guide is for you. This beginners' guide begins with the assumption that the reader is the base level of IT knowledge, in other words, a total noob. A such, many terms that are loosely thrown around in other guides and articles around the web are actually defined here. We also provide you with a list of other resources that you can explore at your leisure to build up your knowledge of AWS, AWS Lambda and microservices in general. Here is a preview of what's inside: AWS Lambda Limits Managing Resource Access Permissions Resource-Based Policies in AWS Lambda Take Action Today and Learn AWS Lambda In No Time! Click the "Buy now with 1-Click" to the right and get this guide immediately.

Build cost-effective and highly scalable Serverless applications using AWS Lambda. About This Book Leverage AWS Lambda to significantly lower your infrastructure costs and deploy out massively scalable, event-driven systems and applications Learn how to design and build Lambda functions using real-world examples and implementation scenarios Explore the Serverless ecosystem with a variety of toolsets and AWS services including DynamoDB, API Gateway, and much more! Who This Book Is For If you are a Cloud administrator and/or developer who wishes to explore, learn, and leverage AWS Lambda to design, build, and deploy Serverless applications in the cloud, then this is the book for you! The book assumes you have some prior knowledge and hands-on experience with AWS core services such as EC2, IAM, S3, along with the knowledge to work with any popular programming language such as Node.js, Java, C#, and so on. What You Will Learn Understand the hype, significance, and business benefits of Serverless computing and applications Plunge into the Serverless world of AWS Lambda and master its core components and how it works Find out how to effectively and efficiently design, develop, and test Lambda functions using Node.js, along with some keen coding insights and best practices Explore best practices to effectively monitor and troubleshoot Serverless applications using AWS CloudWatch and other third-party services in the form of Datadog and Loggly Quickly design and develop Serverless applications by leveraging AWS Lambda, DynamoDB, and API Gateway using the Serverless Application Framework (SAF) and other AWS services such as Step Functions Explore a rich variety of real-world Serverless use cases with Lambda and see how you can apply it to your environments In Detail AWS is recognized as one of the biggest market leaders for cloud computing and why not? It has evolved a lot since the time it started out by providing just basic services such as EC2 and S3 and today; they go all the way from IoT to Machine Learning, Image recognition, Chatbot Frameworks, and much more! One of those recent services that is also gaining a lot of traction is AWS Lambda! Although seemingly simple and easy to use, Lambda is a highly effective and scalable compute service that provides developers with a powerful platform to design and develop Serverless event-driven systems and applications. The book begins with a high-level introduction into the world of Serverless computing and its advantages and use cases, followed by a deep dive into AWS Lambda! You'll learn what services AWS Lambda provides to developers; how to design, write, and test Lambda functions; as well as monitor and troubleshoot them. The book is designed and accompanied with a vast variety of real-world examples, use cases, and code samples that will enable you to get started on your Serverless applications quickly. By the end of the book, you will have gained all the skills required to work with AWS Lambda services! Style and approach This step-by-step guide will help you build Serverless applications and run Serverless workloads using the AWS Lambda service. You'll be able to get started with it in a matter of minutes with easy-to-follow code snippets and examples.

Build Full-Stack React apps that scale to millions of users and run entirely in the cloud! - faster than ever About This Video The JSX sections are quite complex and it would help to have a code example for each section to compare the code to the work-in-progress. Flexible, robust search capabilities with the help of AWS Elasticsearch Two CSS libraries in-depth -- Element and Tachyons In Detail Do you want to make amazing, performant, and overall better React applications? Look no further than AWS Amplify. This course is the best guide you'll find to building serverless React apps. You will be making two complete React/AWS Amplify projects, from project start to deployment on the web. You'll be making: A full-stack serverless marketplace app (similar to Udemy), built with React/Amplify; a complete GraphQL API; multi-factor authentication; lambda functions for charging customers/sending emails; Stripe for payment processing; and the Element component library for styling A real-time note app (made both with class components and React hooks), with full CRUD functionality, GraphQL subscriptions, and complete authentication-all written in ~100 lines of JavaScript What will this course cover? Creating entire GraphQL APIs from the command line using the Amplify CLI Building sophisticated serverless GraphQL APIs with AWS Appsync Multi-Factor Authentication and Verification Codes using AWS Cognito Creating serverless REST APIs (functions) with AWS Lambda that run entirely in the cloud Using GraphQL Subscriptions to Broadcast Data Changes in Real-Time Executing GraphQL Queries and Mutations both in the GraphQL Console and in our React Client How to integrate React Hooks with Amplify applications Sending emails with Amazon's Simple Email Service Image and file uploads with AWS S3 Storage How to deploy our completed apps with S3 Hosting Customizing Amplify's built-in React Components Storing and managing our app data with a DynamoDB database Flexible, robust search capabilities with the help of AWS Elasticsearch Using Stripe for payment processing and using it in React Apps with Stripe Checkout Verifying user emails/phone numbers with email confirmations Working with the AWS Console extensively.

AWS Lambda - The Complete Beginner's Guide ? ? ?Free Bonus Included? ? ? This book is an exploration of the AWS Lambda. The first part is a guide for you on how to create a deployment package in the various programming languages such as Java, Node.JS, and Python. The concept of limits in AWS Lambda resources is discussed, and you will learn more about how to work with them. Due to concurrent execution, which you might need to support, you will be guided on how to override the defaults for these limits on the various resources. Event sources in AWS Lambda are also discussed in detail, and thus, you will learn more about them. The permissions which are necessary for us to use the various resources in AWS Lambda are also explored, so that you will learn how to grant these to your account. The AWS Lambda console is of great importance, but there are permissions which you must have for you to use it. These are examined in detail, as well as the Resource-Based Policies in AWS Lambda Actions. Here is a preview of what's inside: - Creation of a Deployment Package - AWS Lambda Limits - Event Sources in AWS Lambda - Managing Resource Access Permissions - Permissions Required for Using AWS Lambda Console - Resource-Based Policies in AWS Lambda Take Action Today and Learn AWS Lambda In No Time! Click the "Buy now with 1-Click" to the right and get this guide immediately.

Learn to design, build, and manage your infrastructure on the most popular of all the Cloud platforms—Amazon Web Services About This Book Learn how to leverage various Amazon Web Services (AWS) components and services to build a secure, reliable, and robust environment to host your applications on Deep dive into the core AWS service offerings with hands-on tutorials, real-world use case scenarios, and best practices A self-paced, systematic, and step-by-step guide to learning and implementing AWS in your own environment Who This Book Is For This book is for those who want to learn and leverage AWS.

Although no prior experience with AWS is required, it is recommended that you have some hands-on experience of Linux, Web Services, and basic networking. What You Will Learn A brief introduction to Cloud Computing and AWS accompanied by steps to sign up for your first AWS account Create and manage users, groups, and permissions using AWS Identity and Access Management services Get started with deploying and accessing EC2 instances, working with EBS Volumes and Snapshots Customize and create your very own Amazon Machine Image Design and deploy your instances on a highly secured, network isolated environment using Amazon VPC Effectively monitor your AWS environment using specialized alarms, custom monitoring metrics, and much more Explore the various benefits of Database-as-a-Service offerings and leverage them using Amazon RDS and Amazon DynamoDB Take an in-depth look at what's new with AWS, including EC2 Container Service and Elastic File System In Detail AWS is at the forefront of Cloud Computing today. Many businesses are moving away from traditional datacenters and toward AWS because of its reliability, vast service offerings, lower costs, and high rate of innovation. Because of its versatility and flexible design, AWS can be used to accomplish a variety of simple and complicated tasks such as hosting multitenant websites, running large scale parallel processing, content delivery, petabyte storage and archival, and lots more. Whether you are a seasoned sysadmin or a rookie, this book will provide you with all the necessary skills to design, deploy, and manage your applications on the AWS cloud platform. The book guides you through the core AWS services such as IAM, EC2, VPC, RDS, and S3 using a simple real world application hosting example that you can relate to. Each chapter is designed to provide you with the most information possible about a particular AWS service coupled with easy to follow hands-on steps, best practices, tips, and recommendations. By the end of the book, you will be able to create a highly secure, fault tolerant, and scalable environment for your applications to run on. Style and approach This in-depth and insightful guide is filled with easy-to-follow examples, real-world use cases, best practices, and recommendations that will help you design and leverage AWS.

A complete guide to build a better Chatbots Key features Concept of artificial intelligence (AI) and machine learning How AI is involved in creating chatbots What are chatbots Chatbot development Live chatting Create chatbot with technologies such as Amazon Lex, Google Dialogflow, AWS Lambda, Microsoft Bot Framework, and Azure Deploy and talk to your bot Description This book makes you familiar with the concept of the chatbot. It explains what chatbot is, how does a chatbot work, and what exactly is the need for a chatbot in today's era? It focuses on creating a bot using Amazon's Lex service and getting the bot deployed on Facebook messenger for live chatting. This book will train you on how to create a chatbot using Google's Dialogflow and test the bot in Dialogflow console. It also demonstrates how to create a custom chatbot using Microsoft's bot framework and enable the webhooks in Dialogflow and return the response from the custom bot to Dialogflow intents as a fulfillment response. What will you learn Learn the concept of chatbot Learn how chatbots and AI work hand in hand Learn the concept of machine learning in chatbots Get familiar with chatbot services such as Amazon's Lex and Google's Dialogflow Learn how to write an AWS Lambda function Learn what webhooks are Learn about Microsoft's Bot Framework Write your own custom chatbot Deploy the chatbot on Facebook Messenger, Google Assistant, and Slack Live chatting with your own chatbot Who this book is for The developers, architects, and software/technology enthusiasts who are keen to learn the cutting-edge technologies and want to get a hands-on experience on AI by creating their own custom chatbots. Organizations, small companies, service-based/product-based setups which want to learn how to create a basic chatbot on their website and on social media to get more leads and reach to the end user for their business. Students, if they are seeking something where they can create and integrate the real-time chatbots in their projects. Table of contents Section 1: The Concept 1. What are Chatbots? 2. How Chatbot Works 3. What is the Need for a Chatbot? 4. Conversational Flow? Section 2: Creating a Chatbot Using Amazon Lex 1. Amazon Lex and AWS Account 2. Create Bot Using Amazon Lex 3. AWS Lambda Function 4. Slots 5. Error Handling 6. Deploy the Bot on Facebook Messenger 7. Live Chatbot on Facebook Section 3: Creating a Chatbot Using Dialogflow API and Microsoft's Bot Framework Technical Requirements 1. Dialogflow Account 2. Creating a Bot in Dialogflow 3. Dialogflow Console 4. Integrating the Bot with Slack 5. Chatbot Using Microsoft Bot Framework 6. Publishing the Bot from Visual Studio to Azure 7. Register the Bot 8. Dialogflow.v2 SDK 9. Webhooks in Dialogflow 10. Testing the Bot 11. Deploy the Chatbot in Facebook Messenger 12. Live Chatbot on Facebook 13. Deploy the Chatbot in Slack 14. Future of Chatbots About the author Akhil Mittal is two times Microsoft MVP (Most Valuable Professional) firstly awarded in 2016 continued in 2017 in Visual Studio and Technologies category, C# Corner MVP since 2013, Code Project MVP since 2014, a blogger, author and likes to write/read technical articles, blogs and books. He works as a Sr. Consultant with Magic Edtech (<https://www.magicedtech.com/>) which is recognized as a global leader in delivering end to end learning solutions. He has an experience of around 12 years in developing, designing, architecting enterprises level applications primarily in Microsoft Technologies. He has a diverse experience in working on cutting edge technologies that include Microsoft Stack, AI, Machine Learning and Cloud computing. Akhil is an MCP (Microsoft Certified Professional) in Web Applications and Dot Net Framework. His linkedin: [linkedin.com/in/akhilmittal](https://www.linkedin.com/in/akhilmittal)

Which AWS services is not supported as an AWS lambda event source? How can you answer the really big questions? How is cloud computing different from on-premise? Do you see patterns for building serverless solutions? How has development changed? This powerful Serverless Architectures On AWS self-assessment will make you the accepted Serverless Architectures On AWS domain veteran by revealing just what you need to know to be fluent and ready for any Serverless Architectures On AWS challenge. How do I reduce the effort in the Serverless Architectures On AWS work to be done to get problems solved? How can I ensure that plans of action include every Serverless Architectures On AWS task and that every Serverless Architectures On AWS outcome is in place? How will I save time investigating strategic and tactical options and ensuring Serverless Architectures On AWS costs are low? How can I deliver tailored Serverless Architectures On AWS advice instantly with structured going-forward plans? There's no better guide through these mind-expanding questions than acclaimed best-selling author Gerard Blokdyk. Blokdyk ensures all Serverless Architectures On AWS essentials are covered, from every angle: the Serverless Architectures On AWS self-assessment shows succinctly and clearly that what needs to be clarified to organize the required activities and processes so that Serverless Architectures On AWS outcomes are achieved. Contains extensive criteria grounded in past and current successful projects and activities by experienced Serverless Architectures On AWS practitioners. Their mastery, combined with the easy elegance of the self-assessment, provides its superior value to you in knowing how to ensure the outcome of any efforts in Serverless Architectures On AWS are maximized with professional results. Your purchase includes access details to the Serverless Architectures On AWS self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows you exactly what to do next. Your exclusive instant access details can be found in your book. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest

complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation - In-depth and specific Serverless Architectures On AWS Checklists - Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.

AWS Lambda The Complete User Guide - Learn Everything You Need To Know About Serverless Microservices Learn everything you need to know about AWS Lambda! Like never before this book breaks down the best methods and techniques you need to be successful with this ground breaking new platform! Teaching you step by step how to execute and implement AWS from beginning to end, this book brings it all home! AWS Lambda is a micro processing wonder in the works! Don't get left behind in this cloud based revolution! Discover how to create your own unique code that is fully capable of being event executed! Become the master of event scheduling, API calls, while keeping constant tabs of your actual memory, disk space, and CPU usage. This user guide is complete with step-by-step tutorials, code examples, and function displays on how you can program your virtual server to do millions of calculations. You will never find this much inside information on AWS Lambda anywhere else! So what are you waiting for? Buy this book to find out more! In this book you will learn: To become accustomed to the AWS Lambda toolset To create apps that use AWS Lambda To calculate costs and benefits Programming Language Uploading Functions AWS Event Scheduling Permissions and Roles How to conduct Log Searches About API Gateways And Everything Else In Between!

AWS Lambda The Complete Guide To Getting Started With Serverless Microservices - Plus Little-Known Tips And Tricks! These days, we can say the more callable and flexible architectures of microservices as compared to its predecessors that monolithic. The infrastructure of distributed systems gets lashed to the legacy when an application begin using microservices. It is costly to manage, maintain and set up the 3-tier infrastructure with the conventional physical software components to ensure that every step would work in each tier and level, there should be a simple adjustment to an application that can turn into the time-taking and extensive projects for the developer in the initial stages. In this book, you are going to read the useful information and tips about getting started with serverless microservices. The main focus is on contents, creation, and organization of this process. All you need to do is to follow and share this book for spreading the awareness about AWS Lambda. The detailed guide and steps shared in this book are based on the in-depth and factual-based information. From the overview to the tips, the major purpose of writing this book is to give you right information about turning the time-taking projects in quick tasks through serverless computing.

AWS Lambda Serverless Microservices Guide with Simple Instructions This book is a guide to AWS (Amazon Web Services). The first part is a guide to what AWS is and where it is used. The evolution of the computing workload will also be discussed so that you can know more about it. The background of Lambda will also be discussed in detail, to give you a greater understanding of it. You will also be guided as to how to set up the AWS Lambda. Events are very important when dealing with any software, so this book will explain how to use events in AWS Lambda. To be able to access resources in an AWS account, you must have the necessary permissions to do so. These will be discussed in detail. Roles are also very important when it comes to accessing the resources of another AWS account, which is referred to as cross-account access. This book will guide you on how to do this. The process of using modules in AWS will also be explored. Another topic covered in this book is management of logs in AWS. Each AWS user needs to upload images to their account, so this book will describe how to work with images in AWS. The AWS API gateway will also be discussed in detail. Here is a preview of what you'll learn: Introduction to AWS Computing Evolution of the Computing Workload Lambda Background The Basics of Lambda Setting it up Working with Events Roles and Permissions Cross Account Access Node Modules Logging S3 Image Processing Shutting Down Untagged Instances AWS API Gateway Download your copy of AWS Lambda by scrolling up and clicking "Buy Now With 1-Click" button.

AWS Lambda is a compute service that lets you run code without provisioning or managing servers. AWS Lambda executes your code only when needed and scales automatically, from a few requests per day to thousands per second. You pay only for the compute time you consume - there is no charge when your code is not running. With AWS Lambda, you can run code for virtually any type of application or backend service - all with zero administration. AWS Lambda runs your code on a high-availability compute infrastructure and performs all of the administration of the compute resources, including server and operating system maintenance, capacity provisioning and automatic scaling, code monitoring and logging. All you need to do is supply your code in one of the languages that AWS Lambda supports (currently Node.js, Java, C#, Go and Python).

AWS Lambda The Ultimate Beginners Guide To Learning The Basics Of Micro-services Without Servers AWS Lambda solves a lot of problems for developers. Essentially, it allows you to run code without the need to manage or provision your servers. You pay for nothing more than the compute time you eat up, and you don't get charged a dime whenever your code isn't running! In AWS Lambda: The Ultimate Beginners Guide To Learning The Basics Of Micro services Without Servers I simplify AWS Lambda, offering a variety of essential tutorials that appeal to both the rookie and pro software developer, engineer, systems admin general IT worker who want to code with supreme ease! Code the easy way today. Here is a preview of what you'll learn: An introduction to AWS Lambda How it works How to use it How to build AWS Lambda-based applications How to overcome the most common gremlins ++ A wealth of tips and tricks

Getting your models into production is the fundamental challenge of machine learning. MLOps offers a set of proven principles aimed at solving this problem in a reliable and automated way. This insightful guide takes you through what MLOps is (and how it differs from DevOps) and shows you how to put it into practice to operationalize your machine learning models. Current and aspiring machine learning engineers--or anyone familiar with data science and Python--will build a foundation in MLOps tools and methods (along with AutoML and monitoring and logging), then learn how to implement them in AWS, Microsoft Azure, and Google Cloud. The faster you deliver a machine learning system that works, the faster you can focus on the business problems you're trying to crack. This book gives you a head start. You'll discover how to: Apply DevOps best practices to machine learning Build production machine learning systems and maintain them Monitor, instrument, load-test, and operationalize machine learning systems Choose the correct MLOps tools for a given machine learning task Run machine learning models on a variety of platforms and devices, including mobile phones and specialized hardware

**AWS Lambda The Complete Guide to Getting Started with Serverless Microservices - Plus Little-Known Tips and Tricks!** Build reliable, asynchronous, and distributed applications using message queuing and task orchestration capabilities of Amazon Web Services (AWS) Application Integration. This book prepares you to build distributed applications and administrators, and manage queues, workflows, and state machines. You'll start by reviewing key AWS prerequisite services such as EC2, Lambda, S3, DynamoDB, CloudWatch, and IAM. Simple Queue Service (SQS) and SNS Simple Notification Service (SNS) are then covered to show how applications interact with each other in a reliable and resilient fashion. Next, workflow building with (Simple Workflow Service (SWF) for orchestration of tasks is explained and in the final chapter learn the techniques for building a state using Step Functions, Simple Workflow Service along with Flow Framework. The book illustrates all the concepts using numerous examples that work with SDK, CLI, and Console. Most of the code examples are in Java, followed by Python and JavaScript. What You Will Learn Understand the important prerequisites of AWS, such as EC2, Lambda, S3, and DynamoDB Work with SQS, SNS, and SWS functions Review Step functions Who This Book Is For AWS developers and software developers proficient in Java, Python and JavaScript.

Discover techniques and tools for building serverless applications with AWS Lambda Key Features Learn to write, run, and deploy Lambda functions in the AWS cloud Make the most of AWS Lambda functions to build scalable and cost-efficient systems A practical guide to developing serverless services and applications in Node.js, Java, Python, and C# Book Description AWS Lambda is a part of AWS that lets you run your code without provisioning or managing servers. This enables you to deploy applications and backend services that operate with no upfront cost. This book gets you up to speed on how to build scalable systems and deploy serverless applications with AWS Lambda. The book starts with the fundamental concepts of AWS Lambda, and then teaches you how to combine your applications with other AWS services, such as AmazonAPI Gateway and DynamoDB. This book will also give a quick walk through on how to use the Serverless Framework to build larger applications that can structure code or autogenerate boilerplate code that can be used to get started quickly for increased productivity. Toward the end of the book, you will learn how to write, run, and test Lambda functions using Node.js, Java, Python, and C#. What you will learn Understand the fundamental concepts of AWS Lambda Get to grips with the Serverless Framework and how to create a serverless project Testing and debugging Lambda functions Create a stateful, serverless backend with DynamoDB Program AWS Lambda with Java, Python, and C# Program a lambda function with Node.js Who this book is for This book is primarily for IT architects and developers who want to build scalable systems and deploy serverless applications with AWS Lambda. No prior knowledge of AWS is necessary.

As you move data to the cloud, you need to consider a comprehensive approach to data governance, along with well-defined and agreed-upon policies to ensure your organization meets compliance requirements. Data governance incorporates the ways people, processes, and technology work together to ensure data is trustworthy and can be used effectively. This practical guide shows you how to effectively implement and scale data governance throughout your organization. Chief information, data, and security officers and their teams will learn strategy and tooling to support democratizing data and unlocking its value while enforcing security, privacy, and other governance standards. Through good data governance, you can inspire customer trust, enable your organization to identify business efficiencies, generate more competitive offerings, and improve customer experience. This book shows you how. You'll learn: Data governance strategies addressing people, processes, and tools Benefits and challenges of a cloud-based data governance approach How data governance is conducted from ingest to preparation and use How to handle the ongoing improvement of data quality Challenges and techniques in governing streaming data Data protection for authentication, security, backup, and monitoring How to build a data culture in your organization

Why is it important to have senior management support for a Amazon Lambda project? How do we Identify specific Amazon Lambda investment and emerging trends? What are your most important goals for the strategic Amazon Lambda objectives? Are we making progress? and are we making progress as Amazon Lambda leaders? What are your results for key measures or indicators of the accomplishment of your Amazon Lambda strategy and action plans, including building and strengthening core competencies? This extraordinary Amazon Lambda self-assessment will make you the principal Amazon Lambda domain assessor by revealing just what you need to know to be fluent and ready for any Amazon Lambda challenge. How do I reduce the effort in the Amazon Lambda work to be done to get problems solved? How can I ensure that plans of action include every Amazon Lambda task and that every Amazon Lambda outcome is in place? How will I save time investigating strategic and tactical options and ensuring Amazon Lambda costs are low? How can I deliver tailored Amazon Lambda advice instantly with structured going-forward plans? There's no better guide through these mind-expanding questions than acclaimed best-selling author Gerard Blokdyk. Blokdyk ensures all Amazon Lambda essentials are covered, from every angle: the Amazon Lambda self-assessment shows succinctly and clearly that what needs to be clarified to organize the required activities and processes so that Amazon Lambda outcomes are achieved. Contains extensive criteria grounded in past and current successful projects and activities by experienced Amazon Lambda practitioners. Their mastery, combined with the easy elegance of the self-assessment, provides its superior value to you in knowing how to ensure the outcome of any efforts in Amazon Lambda are maximized with professional results. Your purchase includes access details to the Amazon Lambda self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows you exactly what to do next. Your exclusive instant access details can be found in your book. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard, and... - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation ...plus an extra, special, resource that helps you

with project managing. INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips. Are your goals realistic? Do you need to redefine your problem? Perhaps the problem has changed or maybe you have reached your goal and need to set a new one? What defines best in class? What happens if cost savings do not materialize? How do you verify the AWS Lambda requirements quality? Are problem definition and motivation clearly presented? This valuable AWS Lambda self-assessment will make you the principal AWS Lambda domain master by revealing just what you need to know to be fluent and ready for any AWS Lambda challenge. How do I reduce the effort in the AWS Lambda work to be done to get problems solved? How can I ensure that plans of action include every AWS Lambda task and that every AWS Lambda outcome is in place? How will I save time investigating strategic and tactical options and ensuring AWS Lambda costs are low? How can I deliver tailored AWS Lambda advice instantly with structured going-forward plans? There's no better guide through these mind-expanding questions than acclaimed best-selling author Gerard Blokdyk. Blokdyk ensures all AWS Lambda essentials are covered, from every angle: the AWS Lambda self-assessment shows succinctly and clearly that what needs to be clarified to organize the required activities and processes so that AWS Lambda outcomes are achieved. Contains extensive criteria grounded in past and current successful projects and activities by experienced AWS Lambda practitioners. Their mastery, combined with the easy elegance of the self-assessment, provides its superior value to you in knowing how to ensure the outcome of any efforts in AWS Lambda are maximized with professional results. Your purchase includes access details to the AWS Lambda self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows you exactly what to do next. Your exclusive instant access details can be found in your book. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation - In-depth and specific AWS Lambda Checklists - Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.

AWS Certifications are industry-recognized credentials that validate your technical cloud skills and expertise while assisting in your career growth. These are one of the most valuable IT certifications right now since AWS has established an overwhelming lead in the public cloud market. Even with the presence of several tough competitors such as Microsoft Azure, Google Cloud Engine, and Rackspace, AWS is by far the dominant public cloud platform today, with an astounding collection of proprietary services that continues to grow. The AWS Certified Cloud Practitioner (CLF-C01) examination is intended for individuals who have the knowledge and skills necessary to effectively demonstrate an overall understanding of the AWS Cloud, independent of specific technical roles addressed by other AWS certifications (e.g., Solutions Architect - Associate, Developer - Associate, or SysOps Administrator - Associate). The certification will provide you a high level overview on what AWS Cloud is all about. The exam covers four domains, including AWS core services, cloud concepts, security aspect, pricing and support services. AWS Certified Cloud Practitioner is a new entry-level certification and enables individuals to validate their knowledge of the AWS Cloud with an industry-recognized credential. This certification exam validates your ability to define and identify:

- AWS Cloud and its basic global infrastructure
- AWS Cloud architectural principles
- AWS Cloud value proposition
- Key services on the AWS platform and their common use cases (example, compute and analytics)
- Basic security and compliance aspects of the AWS platform and the shared security model
- Billing, account management, and pricing models
- Sources of documentation or technical assistance (example, whitepapers or support tickets)
- Basic and core characteristics of deploying and operating in the AWS Cloud

AWS Lambda (FREE BONUS INCLUDED) The Ultimate Guide To Serverless Microservices - Learn Everything You Need To Know About Microservices Without Servers! When we look at the Internet many of us take for granted how large and complex the infrastructure really is. When you look at the internet you just see a desktop computer, laptop, tablet, television or whatever other device you use as the interface to get your content. Almost no one ever thinks about what is needed to store and access this information at a moments notice. Well the good thing is that with the advancement of technology and resources many of us will never have to really know but we can now all take advantage of this innovation and start creating our own slice of heaven on the Internet at about \$.007 an hour. Yes that's one seventh of a penny per hour. Do you want to know how? You can do this through the power of AWS. AWS stands for Amazon Web Services. If you are not familiar with it you soon will be. In this book we will explore AWS and what it can do for you. You will learn how companies such as Netflix, Zillow, and even NASA are using these services to drastically decrease their data processing and storage fees by \$50,000 a month or more by using the cloud and AWS technology. So if you have ever dreamed about starting your own web service like Netflix, offer up content on demand and become your own Internet powerhouse then you need to read how the big boys are doing it by downloading this book today.

AWS Lambda - A Guide to Serverless Microservices takes a comprehensive look at developing "serverless" workloads using the new Amazon Web Services Lambda service. Lambda enables users to develop code that executes in response to events - API calls, file uploads, schedules etc. - and upload it without worrying about managing traditional server metrics such as disk space, memory, or CPU usage. With its "per execution" cost model, Lambda can enable organizations to save hundreds or thousands of dollars on computing costs. With in depth walkthroughs, large screenshots, and complete code samples, the reader is guided through the step-by-step process of creating new

functions, responding to infrastructure events, developing API backends, executing code at specified intervals, and much more. Since its introduction at AWS re-invent in 2014, AWS Lambda has continued to be one of the fastest growing AWS services. With its arrival, a new application architecture diagram paradigm was created - referred to as serverless. AWS now provides a number of different services that allows you to build full assistants, Internet of Things (IoT) backends, and more can all be fully serverless. For the logic layer of a serverless application, you can execute your business logic using AWS Lambda. Developers and organizations are finding that AWS Lambda is enabling much faster development speed and experimentation than is possible when deploying applications in a traditional server-based environment. This book is meant to provide you with a broad overview of AWS Lambda, its features, a hands-on and indepth guide to serverless microservices and a slew of recommendations. So what're you waiting for? Get a copy of this AWS Lambda book now!

Quickstart guide for AWS Amazon Web Services Lambda AWS Lambda is an incredibly versatile and powerful platform, but only if you know how to use it! Need to learn AWS Lambda fast? AWS Lambda is a serverless, event-driven cloud platform. With Lambda, your computing resources are as big as your imagination! Lower your infrastructure costs while deploying systems and applications that are infinitely scalable. Learn how to design and then build Lambda functions and master AWS Lambda with actual code and examples contained in this book. When you understand how to use Amazon Web Services and AWS Lambda specifically, you unlock a world of computing power and possibilities. Get the most out of AWS Lambda simply by following the easy instructions fully explained inside this guide. It doesn't matter if you have never used AWS before. This step-by-step guide gives you everything you need to know to do more with AWS Lambda than you ever thought possible! Fully up to date The world of cloud computing is changing constantly and yesterday's instructions are useless today. Save yourself the headache and frustration of trying to use a guide that just doesn't work anymore! Brand new and up to date, this guide shows you exactly what you need to do to get up and running on AWS Lambda today! Here is a preview of what you will learn in this guide: What is AWS Lambda? Why use AWS Lambda? How to begin using AWS Lambda Familiarizing yourself with the Serverless Framework Defining core concepts in the Serverless Framework Installing the Serverless Framework Setting Up Credentials Creating Amazon Web Services Access Keys Using Amazon Web Services Access Keys Quick Setup Using Amazon Web Services Profiles to Set up Using Services, Functions, and Events Services Functions Events Deployment Samples and Implementation And so much more! If you aren't a tech-savvy person, have no fear! With this guide in your hands that will not be a barrier for you any longer. Learn AWS Lambda quickly and easily when you grab this guide now!

AWS Lambda A Complete User Guide for Beginners To Serverless Microservice Have you been thinking of a career in IT? In your looking around the web, have you been intrigued by the concept of microservices, and particularly of something you have heard of called Lambda? If you answered "yes" to those questions, then this guide is for you. This beginners' guide begins with the assumption that the reader is the base level of IT knowledge, in other words, a total noob. A such, many terms that are loosly thrown around in other guides and articles around the web are actually defined here. We also provide you with a list of other resources that you can explore at your leisure to build up your knowledge of AWS, AWS Lambda and microservices in general.

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