



AWS Ramp-Up Guide: Developer

These are the most salient learning resources from our classrooms, digital curricula, video library, and AWS Lab Environment, that relate to pursuing the role of Cloud Developer. This guide is not intended to be consumed entirely. Different sections tackle different objectives. Some resources will be less relevant to you today. The guide will help you decide where you want to start your learning journey, and which step should be your next.

Share [your opinion](#) of this Ramp-Up Guide with us!

Services for Developers

| Learning Resource | Duration (hrs) | Type |
|--|----------------|----------------------------------|
| Introduction to AWS CodeBuild | 0.2 | Digital Training |
| Introduction to AWS CodeCommit | 0.3 | Digital Training |
| Introduction to AWS CodePipeline | 1.2 | Digital Training |
| Introduction to AWS CodeStar | 1.2 | Digital Training |
| Introduction to AWS CodeDeploy | 1.5 | Self-Paced Lab |
| Introduction to AWS Command Line Interface (CLI) | 0.2 | Digital Training |
| Introduction to AWS OpsWorks Stacks | 0.2 | Digital Training |
| Introduction to AWS OpsWorks for Chef Automate | 0.2 | Digital Training |
| Introduction to AWS X-Ray | 0.1 | Digital Training |

Compute: Containers

| Learning Resource | Duration (hrs) | Type |
|--|----------------|----------------------------------|
| Introduction to AWS Elastic Beanstalk | 0.2 | Digital Training |
| Introduction to Containers | 0.3 | Digital Training |
| Introduction to AWS Fargate | 0.2 | Digital Training |
| Amazon Elastic Container Service (ECS) Primer | 0.5 | Digital Training |
| Introduction to Amazon Elastic Container Service | 0.2 | Digital Training |
| \$ Working with Amazon Elastic Container Service | 1.0 | Self-paced Lab |
| Introduction to Amazon Elastic Container Registry | 0.2 | Digital Training |
| \$ Introduction to Amazon Elastic Container Registry | 1.0 | Self-paced Lab |
| Getting Started with Bottlerocket | 0.5 | Digital Training |



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Compute: Serverless

| Learning Resource | Duration (hrs) | Type |
|--|----------------|---|
| Getting into a Serverless Mindset | 0.5 | Digital Training |
| Introduction to Serverless Development | 0.4 | Digital Training |
| AWS Lambda Foundations | 2.0 | Digital Training |
| Amazon API Gateway for Serverless Applications | 2.0 | Digital Training |
| Introduction to Amazon API Gateway | 0.2 | Digital Training |
| Designing Event-Driven Architectures | 2.0 | Digital Training |
| Deploying Serverless Applications | 1.5 | Digital Training |
| Building Event-Driven Application with Amazon EventBridge or... | 2.0 | Digital Training |
| \$ Building Event-Driven Application with Amazon EventBridge (includes labs) | 3.0 | Digital Training + Labs |

.NET Development

| Learning Resource | Duration (hrs) | Type |
|---|----------------|---|
| AWS Tools to Develop, Run, and Modernize .NET Workloads | 1.0 | Digital Training |
| Getting Started with .NET on AWS | 1.5 | Digital Training |
| \$ Getting Started with .NET on AWS | 2.0 | Self-Paced Lab |
| .NET Workloads on AWS App Runner | 2.0 | Digital Training |
| .NET Workloads on AWS Lambda or... | 1.5 | Digital Training |
| \$.NET Workloads on AWS Lambda (Includes Labs) | 3.0 | Digital Training + Labs |
| .NET Workloads on Amazon ECS and AWS Fargate or... | 3.0 | Digital Training |
| \$.NET Workloads on Amazon ECS and AWS Fargate (includes labs) | 3.0 | Digital Training + Labs |
| Modernize .NET Applications – Infrastructure as Code and CI/CD | 1.5 | Digital Training |

Building Solutions

| Learning Resource | Duration (hrs) | Type |
|--|----------------|----------------------------------|
| Build and Deploy APIs with a Serverless CI/CD (devops) | 0.8 | Digital Training |
| Using a Token-based Approach to Build Highly Secure, Stateless, and Decoupled Applications | 1.5 | Digital Training |
| \$ Automating AWS Services with Scripting and the AWS CLI | 1.3 | Self-Paced Lab |



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|---|-----|----------------------------------|
| \$ Deploying a Static Website using AWS Cloud Development Kit | 1.3 | Self-Paced Lab |
| \$ Frontend is for Everyone | 1.5 | Self-Paced Lab |
| \$ Managing Applications at Scale with Amazon ECS | 1.5 | Self-Paced Lab |
| Accelerating Messaging Modernization with Amazon MQ | 1.5 | Digital Training |
| Deep Dive on AWS Fargate: Building Serverless Containers at Scale | 0.7 | Digital Training |
| Deep Dive on Container Security | 0.5 | Digital Training |
| \$ Working with AWS CodeCommit | 1.5 | Self-Paced Lab |

Learning with Peers

| Learning Resource | Duration (hrs) | Type |
|--|----------------|---|
| Developing on AWS | 18.0 | Instructor-led Training |
| Advanced Developing on AWS | 18.0 | Instructor-led Training |
| Developing Serverless Solutions on AWS | 18.0 | Instructor-led Training |

With Our Training Partners

| Learning Resource | Duration (hrs) | Type |
|--|----------------|--|
| \$ Building Modern Java Applications on AWS | 12.0 | Coursera Digital Training: |
| \$ Building Modern node.js Applications on AWS | 12.0 | Coursera Digital Training: |
| \$ Building Modern node.js Applications on AWS | 12.0 | edX Digital Training |
| \$ Building Modern Python Applications on AWS | 12.0 | Coursera Digital Training: |
| \$ Building Modern Python Applications on AWS | 12.0 | edX Digital Training |