

# Developing on AWS

Course code: AWSDEV

This course will help you learn how to use AWS services and developer tools, such as the AWS SDK and AWS CLI to develop secure and scalable cloud applications from an expert AWS instructor. You will explore how to interact with AWS using code and discuss key concepts, best practices, and troubleshooting tips. In this 3-day, classroom/online training course you will learn how to programmatically interact with AWS services to build web solutions.

## Who is the course for

- Software developers
- Solution architects
- IT professionals who want to improve their developing skills using AWS Services

## What we teach you

- Build a simple end-to-end cloud application using AWS Software Development Kits (AWS SDKs), Command Line Interface (AWS CLI), and IDEs
- Configure AWS Identity and Access Management (IAM) permissions to support a development environment
- Use multiple programming patterns in your applications to access AWS services
- Use AWS SDKs to perform CRUD (create, read, update, delete) operations on Amazon Simple Storage Service (Amazon S3) and Amazon DynamoDB resources
- And much more

## Required skills

- Attended AWS Technical Essentials classroom training or have equivalent experience
- Working knowledge of AWS core services
- Programming experience in any one of the following languages:
  - Python
  - .NET
  - Java

## Teaching methods

Professional explanation with practical samples and examples.

## Teaching materials

Amazon Web Services authorized e-book included.

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