

CLOUD

INTERMEDIATE

3 DAYS

AWS Developer Associate

Build a strong foundation in application development on AWS by understanding core services, security, and architectural best practices. Learn how to design, deploy, monitor, and maintain scalable, highly available, and serverless applications on the AWS platform.

Why AWS Developer Associate?

Expertise in AWS Services

Certified developers have a deep understanding of AWS services and how to use them to develop and deploy cloud-based applications. They can help businesses take full advantage of the AWS platform.

Serverless Application Development

Certified developers have experience with serverless application development on AWS. They can help businesses take advantage of serverless computing to reduce costs and increase scalability.

Security Expertise

Certified developers have experience with AWS security services, and can help businesses implement the appropriate security measures to protect their applications and data.

What you'll be able to do

- ✓ Develop an understanding of the core AWS services, their features, and how to use them for developing applications.
- ✓ Learn how to develop, deploy, and maintain scalable and highly available applications on the AWS platform.
- ✓ Learn about AWS security and how to secure applications running on the AWS platform.
- ✓ Learn how to develop and deploy serverless applications on AWS using services.
- ✓ Learn how to monitor and debug applications running on AWS.

Who this is for

- Anyone who wants to start their cloud journey with AWS
- Anyone who wants to become AWS Certified Developer Associate
- Anyone who has some programming experience and want to start their cloud journey with an AWS Certification

Curriculum

01 Development with AWS Services

- Introduction
- Develop code for applications hosted on AWS
- Develop code for AWS Lambda
- Use data stores in application development

02 Security

- Introduction
- Implement authentication and authorization for applications and AWS services
- Implement encryption by using AWS services
- Manage sensitive data in application code

03 Deployment

- Introduction
- Prepare application artifacts to be deployed to AWS
- Test applications in development environments
- Automate deployment testing
- Deploy code by using AWS CI/CD services

04 Troubleshooting and Optimization

- Introduction
- Assist in root cause analysis
- Instrument code for observability
- Optimize applications by using AWS services and features