AUTOMATION IN THE AWS CLOUD

Course Roadmap

An AWS Cloud Technology Consultant is someone who advises clients on the use of cloud technology to meet business objectives. They are responsible for offering strategic guidance and technical expertise. In this course, you will learn how to optimize AWS architectures through the use of automation.

MODULE 01

Why Automate?

- Importance of automation
- Bash scripting basics
- Declarative automation instructions
- Understand basic API mechanisms
- Working with the AWS CLI
- Imperative automation instructions

MODULE 02

Infrastructure as Code

- Declarative IaC
- CloudFormation best practices
- Infrastructure drift
- AWS CloudFormation basics
- AWS Systems Manager overview
- Third-party automation tools

MODULE 03

AWS Services and Features Used for Automation

- Amazon EC2 bootstrapping options
- Organizing and tagging resources
- AWS Config
- EC2 instance meta-data/user data
- Systems Manager features
- AWS Config Rules