

Prerequisites: Basic Linux & Windows system administration, scripting and coding skills



Week 01: Introduction to DevOps

Understand what DevOps is and its fundamentals

Week 02: Version Control & Scripting

Get started with Git by managing scripts in source control

Week 03: Between Dev & Ops

Forge development and operation foundations

Week 04: Cloud Fundamentals (Azure)

Get started with the cloud focused on IaaS services

Week 05: Infrastructure as Code with Terraform

Use Terraform to manage the infrastructure as code

Week 06: Configuration Management with Ansible

Use Ansible to automate server configurations

Week 07: CI/CD Fundamentals with Azure DevOps

Learn the principles of CI/CD using Azure DevOps

Week 08: Docker Containers

Understand how to build, run and manage containers

Week 09: Container Orchestration with Kubernetes (Part 1)

Get started with Kubernetes and Helm

Week 10: Container Orchestration with Kubernetes (Part 2)

Get started with Kubernetes and Helm

Week 11: Monitoring & Logging

Get started with Prometheus and Elasticsearch

Week 12: AWS Cloud Fundamentals

Get started with the cloud focused on IaaS services

Week 13: Cloud Main Services (Azure/AWS)

Learn the most popular cloud services

