
AWS DevOps Engineering BootCamp



Introduction

The AWS DevOps Engineer Bootcamp is a practical, mentor-led program that teaches you how to design, build, and manage cloud-native applications using Amazon Web Services (AWS). You'll go beyond theory with hands-on labs, real-world projects, and a capstone challenge that mirrors what engineers do in production. Along the way, you'll prepare for the globally recognized AWS Certified DevOps Engineer – Professional exam.

Transform your career with AWS DevOps. Gain the hands-on cloud skills and certification prep you need to stand out as a sought-after DevOps professional

Why Learn DevOps?

01 High Demand Skills

Cloud DevOps engineers are among the most in-demand tech professionals worldwide.

02 Career Growth

AWS-certified professionals earn up to 20-25% more than their peers.

03 Hands-On Experience

Learn by doing, not just watching videos.

04 Global Certification

Get ready for the AWS DevOps Engineer – Professional exam.

05 Future-Proof Your Career

Cloud adoption is accelerating, and AWS leads the pack.

06 Portfolio Projects

Graduate with real AWS DevOps systems you can showcase to employers.

Who is this course for?

- Early-career tech professionals looking to move into cloud and DevOps roles
- Junior IT professionals eager to upgrade from support roles to engineering roles
- Software engineering alumni who want to specialise in AWS DevOps
- Mid-level professionals upskilling to stay relevant in cloud-first companies
- Freelancers and consultants seeking AWS certification to boost credibility
- Career switchers with basic technical knowledge looking to break into DevOps

What are the entry requirements?

A strong foundation in Git and basic scripting

1

Familiarity with DevOps fundamentals (Linux, containers, CI/CD basics)

2

Completed Moringa's DevOps Fundamentals Course or passed the admissions assessment

3

Have a laptop with the following specifications: 8GB RAM, 500GB or more, and a Core i5 or i7 processor.

4

Access to a stable internet.

5

Why Study At Moringa?

If you are in search of a unique learning experience, this is the place for you. We guarantee you will learn market-aligned skills through our practical and comprehensive curriculum.

- Practical hands-on learning
- Work on a portfolio of AWS DevOps Engineering projects
- Live Lectures from a Senior DevOps Engineer with experience working in both local & global tech companies
- Certification Prep Built-In, We align directly with the AWS DevOps Engineer – Professional exam.
- Dedicated Technical mentor support
- Access to a vast alumni network.

Course Overview

Duration: 10 weeks

Delivery: 100% Online Classes | Mon - Fri 6 pm - 9 pm E.A.T

Tuition Fees: Ksh 120,000 (inclusive of AWS Certified DevOps Engineer – Professional Exam Certification Cost)

Fee Payment Options Available



Upfront Full Fee Payment



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Course Outline

Week 1: DevOps on AWS: Foundations & Environment

- GitFlow,
- CI introduction
- Shared responsibility
- Environments & Accounts setup

Week 2: Build & Test Automation (CI)

- Build specs
- Test stages
- Artifacts
- Caching
- Quality gates

Week 3: Deploy & Release: CodeDeploy / CodePipeline + Strategies

- Blue/green & canary
- Approvals
- Rollbacks
- Multi-environments

Week 4: IaC & Config: CloudFormation/CDK/Terraform

- Reproducible infra
- State management
- Drift detection
- Environments

Course Outline

Week 5: Containers & Platform: ECS/EKS + Serverless CI/CD

- Containerizing services
- Task definitions
- Service autoscaling
- Basic EKS path
- Serverless deploys

Week 6: HA/FT/DR; SDLC automation

- Metrics, Logs
- Traces
- Alarms
- Dashboards
- SLO/SLA basics

Week 7: Security, Incident Response & Cost Guardrails

- IAM patterns
- KMS
- Secrets Manager
- Config & Detective
- Budgets/alerts
- Playbooks

Week 8: Capstone + Certification Prep (Scenario-Based)

- Integrate everything
- Exam-style scenarios
- Mock exam

Contact Details



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