



iUniversity
BY IYDA

Executive Certificate in DevOps & Cloud Operations

iUniversity by IYDA

Duration	5 Months
Learning Hours	200 Hours
Mode	Online / Offline / Hybrid
Eligibility	Graduate / Final Year Students / Working Professionals
Level	Beginners to Advanced
Certification	Executive Certificate from iUniversity by IYDA

Module 1: DevOps Fundamentals and Culture

Hands-on learning through real-world labs, deployment exercises, and industry projects.

Module 2: Linux System Administration

Hands-on learning through real-world labs, deployment exercises, and industry projects.

Module 3: Version Control with Git and GitHub

Hands-on learning through real-world labs, deployment exercises, and industry projects.

Module 4: CI/CD Pipelines using Jenkins

Hands-on learning through real-world labs, deployment exercises, and industry projects.

Module 5: Containerization with Docker

Hands-on learning through real-world labs, deployment exercises, and industry projects.

Module 6: Container Orchestration using Kubernetes

Hands-on learning through real-world labs, deployment exercises, and industry projects.

Module 7: Cloud Operations with AWS

Hands-on learning through real-world labs, deployment exercises, and industry projects.

Module 8: Infrastructure as Code using Terraform

Hands-on learning through real-world labs, deployment exercises, and industry projects.

Module 9: Monitoring and Logging

Hands-on learning through real-world labs, deployment exercises, and industry projects.

Module 10: DevSecOps and Cloud Security

Hands-on learning through real-world labs, deployment exercises, and industry projects.

Module 11: Automation and Scaling Strategies

Hands-on learning through real-world labs, deployment exercises, and industry projects.

Module 12: Capstone Project and Industry Case Studies

Hands-on learning through real-world labs, deployment exercises, and industry projects.

Tools & Technologies Covered:

- Linux
- Git
- GitHub
- Jenkins
- Docker
- Kubernetes
- Terraform
- AWS
- Prometheus
- Grafana
- Ansible

Career Opportunities:

- DevOps Engineer
- Cloud Operations Engineer
- Site Reliability Engineer (SRE)
- Cloud Administrator
- Infrastructure Engineer
- Platform Engineer
- Release Engineer