



iUniversity
BY IYDA

DevOps & Cloud Engineering Bootcamp – Automate, Deploy & Scale

iUniversity by IYDA

Duration	5 Months
Learning Hours	220 Hours
Mode	Online / Offline / Hybrid
Eligibility	10+2 / Graduate / Working Professionals
Level	Beginners to Advanced
Certification	Certificate of Completion from iUniversity by IYDA

Module 1: Introduction to DevOps and Cloud Computing

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

Module 2: Linux Administration Fundamentals

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

Module 3: Version Control with Git and GitHub

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

Module 4: CI/CD Pipelines with Jenkins

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

Module 5: Containerization using Docker

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

Module 6: Container Orchestration with Kubernetes

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

Module 7: Infrastructure as Code with Terraform

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

Module 8: Cloud Services with AWS

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

Module 9: Monitoring and Logging Tools

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

Module 10: Security and DevSecOps

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

Module 11: Deployment Automation and Scaling

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

Module 12: Capstone Project and Industry Case Studies

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

Tools & Technologies Covered:

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

Career Opportunities:

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