

FULL CURRICULUM • 2026

DevOps

Automate everything — and become the engineer teams can't work without.

Every module, every lesson — the complete syllabus, end to end.

11

MODULES

98

LESSONS

5

MONTHS

₹26,000

FULL PROGRAMME

What this course covers

1

Level 1 • Beginner

Introduction to DevOps • Cloud Computing • LINUX Basics

1 month • 3 modules • 20 lessons • ₹6,000

2

Level 2 • Intermediate

Scripting (Python and Bash) • Rest APIs using Flask and MongoDB • Version Control-GIT

2 months • 4 modules • 33 lessons • ₹8,500

3

Level 3 • Advanced

AWS • Kubernetes • Terraform

2 months • 4 modules • 45 lessons • ₹11,500

The whole journey

This is the complete syllabus for DevOps — 11 modules and 98 lessons, in the order you will learn them. The level markers show how far each stage carries you, but the curriculum runs as one continuous path from the first lesson to the last.

1

LEVEL 1

Beginner

Introduction to DevOps · Cloud Computing · LINUX Basics

1 month · 3 modules · 20 lessons · ₹6,000



1. Introduction to DevOps

6 lessons

- What Is DevOps
- DevOps Main Objectives
- DevOps and Software Development Life Cycle
- Continuous Integration & Deployment
- Containers and Virtual Development
- Configuration Management Tools



2. Cloud Computing

7 lessons

- What is Cloud?
- Evolution of Cloud Computing
- IAAS (Infrastructure as a Service)
- SAAS (Software as a Service)
- PAAS (Platform as a Service)
- Private, Public and Hybrid Cloud
- Public Clouds



3. LINUX Basics

7 lessons

- Linux OS Introduction
- Importance of Linux in DevOps
- Linux Basic Command Utilities
- Linux Administration
- Environment Variables
- Networking
- APT Installation

Intermediate

Scripting (Python and Bash) · Rest APIs using Flask and MongoDB · Version Control-GIT

2 months · 4 modules · 33 lessons · ₹8,500

- **4. Scripting (Python and Bash)** 9 lessons
 - Introduction
 - Variables
 - Flow Controls
 - Loops
 - Functions
 - Lists
 - Manipulating Strings
 - Reading and Writing Files
 - Positional Parameters
- **5. Rest APIs using Flask and MongoDB** 6 lessons
 - Introduction to rest and web servers
 - Client, server, request/response models
 - Flask API
 - Flask with frontend
 - MongoDB
 - Flask and MongoDB integration
- **6. Version Control-GIT** 9 lessons
 - intro
 - Git Basics
 - Commits
 - GitHub
 - Remotes GitLab
 - Branching
 - Pull Requests
 - Forking
 - Stashing Conclusion Recap
- **7. Docker** 9 lessons
 - Intro
 - Installation
 - Basic Commands
 - Advanced Commands
 - Docker files
 - Image Handling
 - Building Microservices
 - Docker Compose
 - Push Registry Conclusion

Advanced

AWS · Kubernetes · Terraform

2 months · 4 modules · 45 lessons · ₹11,500

- **8. AWS** 22 lessons
 - Intro
 - IAM S3
 - SDK
 - Paramstore s3-adv cloudshell
 - EC2 Creation
 - EC2 Deployment
 - EC2 Networking
 - EC2 nginx
 - ECR
 - ECS
 - EB
 - Lambda
 - Postgres
 - RDS
 - CDN
 - CloudFront
 - Additional Topics
 - CodeCommit
 - Code Pipeline
 - Cloudformation Intro
 - CloudFormation Adv
 - CF EC2 and recap
- **9. Kubernetes** 13 lessons
 - Intro
 - Main Components
 - K8s Architecture
 - MiniKube Kubectl
 - Dashboard
 - Basic App
 - Debugging & Kubectl
 - Building Microservices
 - Deploying Microservices
 - Ingress
 - Volume Services
 - Helm
 - ArgoCD-wrapup
- **10. Terraform** 4 lessons
 - Intro
 - Setup
 - Commands
 - Demo project and wrapup
- **11. Continuous Integration – Jenkins, CircleCI, GH Actions** 6 lessons
 - Ci Cd Intro
 - Jenkins Intro
 - Jenkins Jobs
 - GH Actions
 - GH Jenkins
 - Circle ci Recap Wrapup

Certificates & what comes next

You receive a certificate at the end of every level you finish. Join for a single level or the full programme — the choice is yours. Learners who stand out may be invited to work on live client projects as interns; these places are merit-based, limited, and depend on projects being available.