

AWS-DevOps Course

Faster Deployment & Easier Maintenance

Master the concepts, tools, and practices of DevOps to improve systems development life cycle through proper integration and automation of software development and Operations, irrespective of size of the organization.



Project-Based Learning



Personalized Dashboard



Real Offline Projects



HR & Expect Interactions



Job Readiness & Guidance



Internship Option



AWS-DevOps

Develop, Deploy & Maintain

Duration :: 12 Weeks | 30 Sessions | 3 Projects
Mode :: SHORT | LONG | Online / Offline

In this dynamic business world, fast-paced delivery of application and services is essential to meet business demands. Learn skills and techniques to act as a multi-functional resource working across application lifecycle. Automate the processes to remove manual intervention to achieve CI/CD functions, Microservices, Monitoring & Logging, Collaboration and more.

CI/CD + Microservices + Code Management + Communication

Course Details:

Introduction	AWS DevOps
<ul style="list-style-type: none"> ● Module 1 DevOps Intro & Unix ● Module 2 Linux ● Module 3 Git - Management Tools ● Module 4 Maven ● Module 5 Jenkins ● Module 6 Containerization 	<ul style="list-style-type: none"> ● Module 7 Kubernetes ● Module 8 Cloud Computing ● Module 9 AWS for DevOps ● Module 10 Terraform ● Module 11 Ansible ● Project Real-time Project(s)

"DevOps is essential for every organization interested in achieved high velocity delivery of applications and services "

You could **pursue your dream** of being a DevOps Professional with basic skills in CI/CD, Code Management, Teams Coordination, infrastructure as code, and more. Build your career in this almost recession free field of DevOps

TAKEAWAYS

Our unique pedagogy ensures the right balance between **KNOWLEDGE** and **SKILLS** through project-based learning. This **CERTIFICATE** program adds value to your profile and pursuit of career options. What more! we prepare you thoroughly to encounter **INTERVIEWS** to ensure you step into the right career soon after completion of the program.



Overview of DevOps

- Introduction to DevOps
- Engineer Skills
- Unix Concepts
- Kernel & Shell

Linux

- Introduction
- Linux Commands
- File Permissions, Group Permissions
- Disk Usage, Process
- File System

Git: Source Code Management Tool

- Source Code Management Tool
- GitHub
- GitHub Administration
- Creation of Repositories
- GitHub Actions

Build Tools: Maven

- Build Tools Introduction
- Maven Overview
- Installation of Maven
- Common Commands in Maven
- Building sample Java Project

Continuous Integration: Jenkins

- Continuous Integration Basics
- Integration Tools
- Jenkin Introduction
- Installation of Jenkins
- Administration of Jenkins
- Creation of CI Pipeline
- Pipeline as a Code

Containerization

- Docker as Container
- Commands of Docker
- Dockerfile Explanation
- APP Deployment in Docker
- Docker Compose

Kubernetes

- Kubernetes Cluster
- Components of Kubernetes cluster
- Installation of Kubeadm, kubectl, kubelet
- Pods & Deployment configuration
- Services and Replicaset
- Deployments of Application in Cluster

Cloud Computing: AWS

- Introduction to Cloud Computing
- AWS introduction and getting started
- AWS Global infrastructure
- AWS CLI introduction
- Identity and Access Management (IAM)
- Elastic Compute cloud overview
- EC2 Solutions architect associate level
- Simple Storage Service
- Application integration
- Containerization - ECS, EKS
- Containers - EKS
- AWS Monitoring
- AWS VPC
- Serverless Overview for solution architect
- AWS DevOps

Infra as a Code Tool - Terraform

- Introduction of IAC Tools
- Installation & Configuration
- Providers
- Terraform Modules and Variables
- Using Terraform on AWS

Ansible

- Introduction to Configuration Management
- Tools of configuration management
- Ansible Installation Process
- Ansible YAML Basics
- Ansible Ad-Commands
- Playbooks
- Roles, Variables

SIGN OFF

Real-time Projects

- Integration & Management – Inhouse or Onsite
- Creation of playbooks, Infrastructure in AWS

*** Learner to sign NDA for the intellectual property*

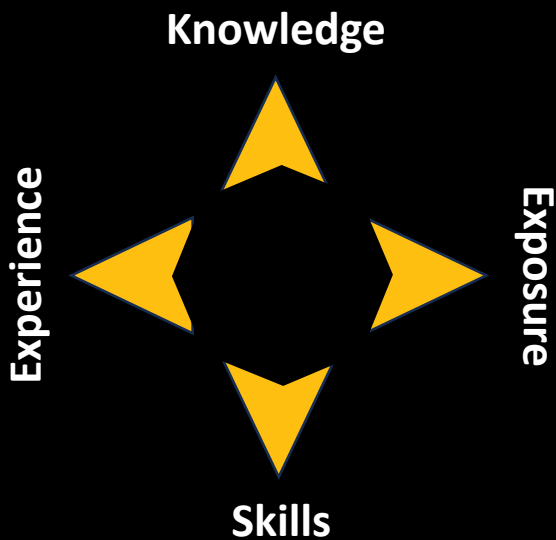
Job Readiness

- Profile Building – Employability Index
- Interview F.A.Qs
- Mock Interview

Course Offering

AWS DevOps

Weekday & Weekend Batches Also Available



- ✓ 20 Students Per Batch (offline)
- ✓ Inhouse Trainers
- ✓ Training led by an IT Company
- ✓ Free Foundation Course
- ✓ Digital Notes & Code
- ✓ Online & Offline Batches
- ✓ Mini & Major Projects
- ✓ Hackathons with Certification
- ✓ Mock Interviews
- ✓ Job Guarantee Option

Get in touch for free counselling

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