Raj Cloud Technologies

COURSE BROCHURE · 2026

AWS + DevOps with AI

2 months · live + recorded · AWS, Kubernetes, Terraform, CI/CD, observability — plus Amazon Q Developer and Copilot. The exact DevOps stack Indian SaaS pays Rs 8-30 LPA for.

DURATION	MODULES	ROLES UNLOCKED
2 mo	34	7+

ABOUT THIS PROGRAMME

DevOps engineers in 2026 are the highest-paid IC role at most Indian SaaS companies — and AWS-fluent DevOps engineers with Kubernetes and AI tooling cross Rs 30 LPA within 3 years. This programme is built for system administrators and backend developers who want to make that jump. You'll cover Linux, networking, AWS (EC2, VPC, IAM, S3, RDS), Terraform, Docker, Kubernetes (EKS), CI/CD with GitHub Actions and CodePipeline, monitoring (Prometheus, CloudWatch, Datadog), and the AI assistants (Copilot, Cursor, Amazon Q Developer) modern DevOps teams use daily.

BUILT FOR

- System administrators moving into modern DevOps + cloud
- Backend devs adding AWS + Kubernetes + CI/CD to their skillset
- Engineers preparing for SAA-C03 and DOP-C02 certifications

OUR COMMITMENT

Job-focused training. Real instructors. Lifetime access. We don't sell certificates — we get you hired.

WHY NOW · 2026 MARKET SIGNAL

DevOps is the highest-paid IC track at most Indian SaaS companies. With Kubernetes adoption at 87% in 2026 and AI-augmented ops emerging, certified engineers are in short supply.

01
Average AWS DevOps salary at Indian product cos: Rs 18 LPA (Naukri)

02
SAA-C03 + DOP-C02 combo adds Rs 4-7 LPA to your offer letter

03
Kubernetes-certified engineers earn 30%+ over non-certified peers

TECHNOLOGY STACK

Technologies you'll master

The exact stack senior engineers + consultants are billing for in 2026 — nothing taught for show, everything taught because it lands on a job posting.

- AWS EC2, VPC, IAM, S3, RDS, ELB, CloudFront
- Container orchestration — ECS, EKS, Fargate
- Terraform + Pulumi for Infrastructure as Code
- Ansible for configuration management
- Jenkins + GitHub Actions + GitLab CI for CI/CD
- Docker + Docker Compose for containerization
- Kubernetes — Helm, Operators, ArgoCD for GitOps
- Prometheus + Grafana + CloudWatch for observability
- AWS Lambda + Step Functions for serverless ops
- AI tools for log analysis + incident response

WHY THIS PROGRAMME

What makes this different

- ✓ Full DevOps lifecycle: code → build → deploy → monitor with real AWS
- ✓ Kubernetes on EKS with Helm, ArgoCD, and service mesh fundamentals
- ✓ Terraform deep-dive — modules, workspaces, state management, drift detection
- ✓ CI/CD pipelines in GitHub Actions, AWS CodePipeline, and Jenkins
- ✓ Monitoring and observability — Prometheus, Grafana, CloudWatch, Datadog
- ✓ AWS SAA-C03 and DOP-C02 certification preparation
- ✓ Amazon Q Developer and Copilot for infrastructure and ops productivity
- ✓ Real incident response drills — debug a production outage live in class

CAREER OUTCOMES

By the end, you will be able to

- ✓ Design AWS infrastructure for a multi-tier application with HA and DR
- ✓ Write Terraform modules used to provision real environments at scale
- ✓ Operate Kubernetes clusters on EKS with autoscaling, secrets, and GitOps
- ✓ Build CI/CD pipelines that deploy 10+ services with zero-downtime
- ✓ Implement observability with Prometheus, Grafana, and proper alert routing
- ✓ Pass AWS SAA-C03 and DOP-C02 certifications
- ✓ Diagnose production issues using logs, metrics, and traces under pressure
- ✓ Interview for DevOps, SRE, and Cloud Engineer roles paying Rs 8-30 LPA

CAREER PATHS

Roles you can target

Roles ordered from entry → senior. The same role titles you'll see on Naukri, LinkedIn, and Instahyre filtered to the tech stack you'll master.

- AWS DevOps Engineer
- Cloud Infrastructure Engineer
- Site Reliability Engineer (SRE)
- Cloud Architect (AWS)
- Platform Engineer
- DevOps Consultant
- Kubernetes Engineer

Emerging — high-demand roles for 2026

Roles that didn't exist five years ago, paying premium because the talent pool is small.

- AI-Augmented DevOps Engineer
- Platform Engineer (Internal Developer Platform)
- FinOps Engineer
- GitOps Specialist

CAREER TRAJECTORY

Where this programme leads, in 5 years

Median 2026 salary bands for the role progression this curriculum unlocks. Numbers are conservative — top performers cross the upper band earlier.

YEAR 1

Junior DevOps Engineer

Rs 6-12 LPA

Own CI/CD for a service. Earn SAA-C03.

YEAR 3

Senior DevOps / SRE

Rs 14-25 LPA

Run production infrastructure. Lead on-call rotation.

YEAR 5

Staff Engineer / DevOps Lead

Rs 28-50 LPA

Set infra strategy for the engineering org.

COURSE CURRICULUM

What you'll build, module by module

Every module is taught hands-on with real datasets, instances, or codebases — not slides. By the end, you'll have built, not just watched.

AWS Overview

- Basics of RDMBS
- Fundamentals of Data-center
- Fundamentals of Servers
- Fundamentals of Cloud Computing
- Cloud Providers – AWS vs AZURE vs GCP
- Use Case of Applications On Cloud
- AWS – Cloud Terminologies
- AWS – Security
- AWS – High Availability
- AWS – Fault Tolerance
- AWS – Scalability
- Walk through the AWS Free Tier Account
- AWS Management Console

AWS Global Infrastructure

- AWS Global Footprint
- Overview of AWS Services
- AWS Regions
- AWS Availability Zones
- AWS Edge Locations

Operating System & Linux Basics

- Introduction to Linux OS
- Linux Hierarchy
- Linux Architecture
- Understanding Command Line Interface – CLI
- Understanding Linux File System
- Using Text Editor (vi)
- File & Directory Management
- Archive Files Using tar and zip utilities
- Package Management
- User Management
- File Permissions

Application components

- Installing and Configuring Apache HTTP Server
- Deploying Frontend Application, Using Apache HTT...
- High Availability Concepts For Production Scenario
- Load Balancing with AWS Classic Load Balancer
- PHP Setup For Deploying Backend Tier
- Creation of RDS instances in AWS for application st...
- Understand the architecture of an application
- Integration of Web, Application, and Database to w...

Amazon Elastic Compute Cloud – EC2

- Launch the Amazon Linux server
- Launch Windows server
- Amazon EC2 Features
- Amazon EC2 Components
- Amazon EC2 Instance Types
- Amazon Machine Images (AMI)
- EC2 IP Address Types — Private vs Public vs Elastic
- Amazon EC2 User data
- Snapshots
- Custom AMI
- Horizontal scaling
- Vertical scaling
- Auto Scaling
- Fault tolerance
- Launch and Connect to an EC2 instance
- Work with SSH Key Pairs
- SSH Softwares – Putty & Terminal
- Deploying Web Applications On EC2 Instance
- Deploying Web Applications Using User Data

CloudWatch Monitoring Tool

- Monitoring – CloudWatch
- CloudWatch Dashboards
- CloudWatch Alarms
- Create CloudWatch Dashboard
- Create CloudWatch alarm
- Configure Email For High CPU Usage
- Take EC2 Action Using – CloudWatch

Simple Notification Services – SNS

- SNS Topics
- SNS Subscriptions
- SNS Publishers
- Publish Mails Using SNS

Amazon Elastic Block Storage – EBS

- Amazon EBS Features
- EBS ROOT Volume
- EBS ADDITIONAL Volume
- EBS Volume Types
- EBS Volumes Limitations
- EBS Volume Backups – SNAPSHOTS

Identity and Access Management – IAM

- IAM Overview
- Root User vs IAM User
- IAM Access Ways
- IAM Policies
- IAM Groups
- IAM Roles
- MFA
- Permission Boundaries
- Password policy setup
- AWS Managed Policies
- AWS customer-managed policies
- Policies Emulator

AWS Command Line Interface – CLI

- Access key and Secret key
- Graphical Interface vs Command Line Interface
- AWS CLI Features
- AWS CLI Configurations
- Installing AWS CLI on Windows OS
- Installing AWS CLI on Amazon Linux
- Configure AWS CLI
- Creating S3 buckets, IAM users, Key pairs, and Secu...

Amazon Simple Storage Service – S3

- Amazon S3 Features
- Use Case – What Storage To Opt – Client Req
- Amazon S3 Buckets
- Amazon S3 Objects
- Amazon S3 Access ACL's
- Amazon S3 Access Bucket Policy
- Amazon S3 Storage Classes
- Amazon S3 Lifecycle Management rule
- Amazon S3 Versioning
- Static Website Hosting
- S3 Encryption
- Events in S3

Amazon Virtual Private Cloud – VPC

- Public IP vs Private IP
- CIDR
- IP address classes
- Amazon VPC Features & Benefits
- Amazon VPC Components Overview
- Understanding Default VPC
- Designing Custom VPC – Client Requirement
- VPC Route table
- AWS Internet Gateway
- VPC Public Subnets
- VPC Private Subnets
- Bastion / Jump server
- VPC NACL's
- VPC Security Groups
- VPC Flow logs
- VPC Peering

Amazon Elastic File System – EFS

- Shared File Systems – NFS
- Amazon EFS Features
- EFS Use Cases
- EFS Storage Classes
- EFS Mount Points
- EBS vs EFS

Infrastructure as a Code – Cloud Formation

- Graphical vs Command Line Interface vs Code
- Infrastructure as a Code – IaaC
- AWS Cloud Formation Features
- AWS Cloud Formation Templates
- AWS CloudFormation vs Terraform
- Cloud Formation Template YAML
- Creating a Custom VPC Using Cloud Formation
- Configure Reusable Infrastructure Using Cloud For...

Route53

- Advantages of Route53
- Types of Routing Policies
- Domain name registration

IAAS vs PAAS vs SAAS

- Cloud Offerings – IAAS vs PAAS vs SAAS
- IAAS – Infrastructure As A Service
- PAAS – Platform As A Service
- SAAS – Software As A Service

Relational Database Service – RDS

- What is RDS
- Create an RDS instance with MySQL
- Deleting RDS instance
- Multi-AZ

Elastic Beanstalk

- Elastic Beanstalk Features
- Server Setup – PAAS
- Apache Tomcat Use Case
- Create Beanstalk Environment – Tomcat
- Deploying Java Web Application
- Connecting Web Application to RDS Instance
- Checking High Availability & Fault Tolerance

AWS Lambda

- What is Lambda
- How to create a simple Lambda function
- Trigger Lambda using other AWS services

CloudTrail

- What is CloudTrail
- How to work with it

Key Management Service – KMS

- What is KMS
- How to work with it

Other Topics

- What is SQS (Simple Queue Service)?
- How to work with SQS
- Snowball: What is Snowball
- Types of snowball devices
- CloudFront: What is CloudFront
- How to work with CloudFront
- Final Project – Hosting a Java and PHP application i...
- Resume Preparation and Interview Tips

DevOps Curriculum

- Difference between SDLC, Agile, and DevOps
- Fundamentals of Web Applications
- Introduction to Software Development Life Cycle (A...
- Essential Technologies of SDLC
- Execution of Software Development Life Cycle (Ap...
- Introduction to Continuous Integration – CI
- Introduction to Continuous Deployment – CD

Operating Systems / Linux

- Introduction to Linux OS
- Linux Architecture
- Understanding Command Line Interface – CLI
- Understanding Linux File System
- Using Text Editor (vi)
- File & Directory Management
- Package Management
- User Management
- File Permissions
- Service Management
- Configure Firewalls to secure the application
- Understand how IP addresses, ports, and DNS works
- Load Balancers
- HTTP/HTTPS

Version Control System Management (GitHub)

- Introduction to Source Code Management
- Git Introduction
- Git Architecture
- Git Workflow
- Git Branching Model
- Git Merging Branches
- Git Forking
- Undoing Changes
- Git Ignore
- GitHub For Remote Repositories
- Using existing GIT Repositories with Clone
- Pull Requests

Learn Cloud Computing – (AWS)

- Fundamentals of Datacenter
- Fundamentals of Servers
- Fundamentals of Cloud Computing
- Cloud Providers – AWS vs Azure vs GCP
- Basics of AWS
- Working with AWS

Jenkins for CI/CD

- Overview of Jenkins
- Setting Up Jenkins
- Setting Up Build Jobs
- Build Parameters
- Build Triggers
- Jenkins Plugins
- Jenkins Pipelines
- Jenkins Integrations
- Creating Jenkins Users
- Upstream and Downstream Jobs
- Poll SCM
- Build periodically

Containerization with Docker

- Introduction to Containerization
- Virtualization using Virtual Machines
- Virtual Machines vs Docker
- Docker Architecture
- Components of Docker
- Setting up Docker
- Docker Registry
- Docker Images Vs Docker Containers
- Running Docker Containers
- Docker Volumes
- Containerize Applications
- Creating Docker Container from Docker Image
- Sharing images using Docker Hub
- Docker port exposes
- Docker push

Build tool Maven

- Introduction to Maven
- Architecture of Maven
- Maven Goals
- Triggering Build with Maven
- Installation of Maven in Linux server

Orchestration with Kubernetes

- Introduction to Container Orchestration
- Container Orchestration Tools
- Overview of Kubernetes
- Kubernetes Architecture
- Components of Kubernetes
- Understanding and running Containers
- Running Pods of Containers
- Replica Sets, Deployments and Services

Configuration Management with Ansible

- Complexity in Infrastructure Management
- Introduction to Configuration Management Tools
- Tomcat setup using Playbooks
- Introduction To Ansible
- Ansible Setup
- Ansible Inventory
- Ansible Modules
- Ansible Ad-Hoc Commands
- Introduction To YAML
- Ansible Playbooks
- Ansible Vault
- Ansible Templates

Infrastructure as a Code with Terraform

- Terraform Installation
- Understanding Terraform HCL
- Terraform with AWS
- Setup Highly Available Infrastructure Using Terrafo...

Monitoring with Grafana and Prometheus

- Introduction to Monitoring
- Grafana Introduction
- Grafana Overview
- Installing Grafana on a Linux Server
- Creating Grafana Dashboards
- Introduction to Prometheus
- Monitoring
- Alerting

Scripting with YAML For Ansible Playbooks

- Creating Ansible Playbooks
- HCL Scripting with Terraform
- Final Project – DevOps Pipeline Project
- Integrating with Git, Maven, Docker, AWS
- Resume Preparation and Interview Tips

INSTRUCTED BY

Trained by working practitioners

Not academics. Not pre-recorded YouTubers. Engineers and consultants who still ship production code at top companies — the exact people you want to learn from.

MP

Ms. Pratibha D

Industry Trainer

A Certified AWS & DevOps Specialist with 12+ years of industry experience, delivering expertise in AWS Cloud Infrastructure, CI/CD Pipelines, Kubernetes, Docker, Terraform, Jenkins, and Ansible. She has successfully trained and mentored many professionals globally, helping them transition into high-demand AWS & DevOps careers. Approved trainer by Raj Cloud Technologies.

APPROVED TRAINER · RAJ CLOUD TECHNOLOGIES

WHAT'S INCLUDED

Everything you get beyond the curriculum

The sessions are the tip. Here's the full value stack a single fee unlocks — mentorship, community, career support, and lifetime updates.

- + Lifetime access to recordings — re-watch any session, forever
- + Private community access — get unblocked in minutes, not days
- + 1:1 mentor reviews on every portfolio project you build
- + Weekly doubt-clearing sessions led by the instructor
- + Resume + LinkedIn rewrite by a working hiring manager
- + Two full mock interviews with real-time feedback
- + Interview question bank — 50+ scenario-based questions
- + Real-world datasets + playground accounts you keep
- + Verifiable course completion certificate
- + Lifetime curriculum updates — when modules refresh, you get them

ENROLMENT

Pick your tier and enrol

Two tiers — pick what fits your budget. Both include lifetime access to recordings and a verifiable certificate.

MOST POPULAR

LIVE + RECORDED

Rs 21,999

- ✓ All live sessions + Q&A
- ✓ Lifetime recordings
- ✓ Doubt-clearing sessions
- ✓ Resume + interview prep
- ✓ Certificate of completion

RECORDED ONLY

Rs 15,399

Save Rs 6,600

- ✓ Lifetime access to recordings
- ✓ Self-paced learning
- ✓ Certificate of completion
- ✗ No live sessions
- ✗ No live Q&A

HOW TO ENROL

Three steps to your seat

01 Book a free demo

30-min walk-through with the instructor — ask anything before you commit.

02 Pick your tier + enrol

Live + Recorded or Recorded-only. UPI, card, EMI — all accepted.

03 Start on day one

Onboarding kit, course portal access, and your first live session calendar invite.

HOW WE STACK UP

Compared to your alternatives

Free tutorials and generic bootcamps both have their place. Here's exactly where they fall short — and where the fee here pays for itself.

WHAT YOU GET	FREE YOUTUBE TUTORIALS	GENERIC BOOTCAMPS	RAJ CLOUD
Live practitioner instructors	✗	✗	✓
Real datasets + playground accounts	✗	partial	✓
1:1 mentor reviews on your portfolio	✗	✗	✓
Mock interviews with feedback	✗	partial	✓
Resume + LinkedIn rewrite	✗	✗	✓
Job referral network access	✗	✗	✓
Lifetime updates + recordings	partial	✗	✓
Verifiable certificate	✗	✓	✓

QUESTIONS ANSWERED

Common questions, answered upfront

Q. Do I need prior experience to start?

Most students begin with little to no experience. We assume only basic computer literacy. The first two weeks ramp you up to the level the rest of the curriculum needs — no one is left behind.

Q. What if I miss a live session?

Recordings are uploaded within 24 hours of every session. Weekly doubt-clearing sessions catch you up on missed material. Your community is active 24/7. Nothing gets lost, only delayed.

Q. Is there a job placement guarantee?

We don't promise placement — we engineer outcomes. Resume + LinkedIn rewrite, two mock interviews, a referral network, and portfolio reviews are all included. The work happens; the offer is yours to earn.

Q. Can I pay in instalments?

Yes. UPI EMI, credit-card EMI, and a 3-month no-cost split-pay are all supported. Email admissions and we'll set up a plan that fits your cash flow.

Q. Does the certificate hold weight in interviews?

Yes. It's dated, verifiable via our website, and signed by the trainer. Alumni reference it on LinkedIn and inside offer-stage interview rounds — but the portfolio you build matters more, and that's the point.

Talk to admissions

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OUR COMMITMENT

Job-focused training. Real instructors. Lifetime access. We don't sell certificates — we get you hired.