DevOpsSchool

Course curriculum · November 2026

LEVEL 04 OF 04 · ADVANCED

Cloudops Advanced Training

Operate multi-account, multi-cloud estates with landing zones, platform engineering, AIOps and governed reliability at scale.

LIVE ONLINE **Max 8-10 hours**	CORPORATE (DAY-WISE) **5 days · Days 1-5**	SELF-PACED VIDEO **1-year LMS access**
BATCH SIZE **Max 10 learners**	NEXT BATCHES **1st of every month · weekends: first Saturday**	CERTIFICATE **Verifiable certificate of completion**

Foundation	Essential	Intermediate	Advanced
1 day · Included	2 days · Included	3 days · Included	5 days · This curriculum

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	40 topics · Foundation to Advanced
Hands-on labs	4 labs
Formats and fees	Live, self-paced, corporate
Trainer and reviews	Rajesh Kumar
Enrolment	Batches, payment, contacts

WHY DEVOPSSCHOOL

- Rated 4.6 on Google
- 1,500+ verifiable certificates issued in the public registry
- Trainer Rajesh Kumar: 20 years in industry
- Small batches: max 10 learners, every session recorded

Course page: www.devopsschool.com/courses/cloudops/cloudops-advance-training.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

OUTCOMES

What you will achieve

By the end of the Cloudops course path, you will be able to:

1

Operate cloud workloads

Run monitoring, backups, patching and incident response for cloud services day to day.

2

Automate operations

Use IaC, policy as code and event-driven remediation to keep environments compliant and healthy.

3

Govern cloud at scale

Build landing zones, FinOps practices, DR and platform engineering for multi-account estates.

WHAT THE ADVANCED LEVEL ADDS

Landing zones, platform engineering and AIOps

Hands-on: CloudOps operating model capstone. Design the operating model for a multi-account estate with guardrails, self-service provisioning, SLOs, cost governance and DR.

WHO SHOULD ATTEND

- Experienced Cloudops practitioners responsible for quality, security and scale.
- Senior engineers, architects and leads who design and troubleshoot Cloudops solutions.
- Teams making Cloudops an organisation-wide standard.

BEFORE YOU START

- The Intermediate level, or equivalent hands-on experience.
- You can already: Automate remediation and policy, run security operations, manage incidents with SLOs and implement disaster recovery and FinOps.
- Basic computer skills and a laptop with a stable internet connection for the live sessions and labs.
- This curriculum includes every earlier level, so it is complete on its own.

AGENDA · FOUNDATION TO ADVANCED

Cloudops Advanced Training agenda

40 topics. Each level builds on the one before it, so this curriculum lists every earlier level in full. Days are for corporate (day-wise) delivery; live online batches cover the same agenda in max 8-10 hours.

DAY 1 — Foundation: Cloud operations model and core services

Included from Foundation

1. What CloudOps is: operating cloud workloads and how it relates to DevOps, SRE and FinOps
2. Operating model: shared responsibility, service ownership and support boundaries
3. Cloud foundations: accounts, subscriptions and projects, regions and basic IAM
4. Core services to operate: compute, storage, networking and managed databases
5. Operations tooling: consoles, CLIs (aws, az, gcloud) and Cloud Shell
6. Monitoring basics: metrics, logs and alarms in CloudWatch, Azure Monitor and Cloud Monitoring
7. Resource organization: tagging standards, naming conventions and resource groups
8. Backup basics: snapshots and managed backup services
9. Incident basics: on-call, severity levels and runbooks
10. Daily operations: health dashboards, service limits and routine checks

DAY 2 — Essential: IaC, patching, observability and access

Included from Essential

11. Infrastructure as code: Terraform workflow, remote state and modules
12. Patching and configuration: Ansible, AWS Systems Manager and Azure Update Manager
13. Observability: centralized logging, dashboards and tracing with OpenTelemetry
14. Alerting: actionable alerts, thresholds versus anomaly detection and on-call routing
15. Access management: least privilege, roles, SSO and break-glass accounts
16. Cost visibility: billing exports, budgets and cost allocation tags
17. Change management: change windows, CI/CD for infrastructure and peer review
18. Runbook automation: Systems Manager documents, Azure Automation and scripts
19. Service health: provider status events, quotas and limit increases
20. Restore testing: proving backups by restoring them on a schedule

DAY 3 — Intermediate: Automated remediation, security ops and DR

Included from Intermediate

21. Event-driven remediation: EventBridge, Lambda and Azure Functions fixing known issues
22. Policy as code: AWS Config rules, Azure Policy and OPA or Conftest for Terraform
23. Security operations: CSPM findings, GuardDuty and Defender for Cloud, vulnerability patching
24. Container operations: EKS, AKS and GKE upgrades, node pools and cluster autoscaling
25. Incident management: incident command, postmortems, SLOs and error budgets
26. Disaster recovery: RTO and RPO, backup and restore, pilot light, warm standby and multi-region
27. FinOps practices: rightsizing, Savings Plans and reservations, spot and scheduling
28. Secrets and certificates: KMS, Key Vault, Secrets Manager and rotation
29. Troubleshooting: VPC flow logs, IAM access denials and API throttling
30. Audit and compliance: CloudTrail and Activity Log retention and evidence collection

DAYS 4-5 **Advanced: Landing zones, platform engineering and AIOps** — New at this level

31. Landing zones: AWS Control Tower, Azure landing zones and guardrails
32. Multi-cloud and hybrid operations: Azure Arc and GKE Enterprise
33. Platform engineering: internal developer platform, golden paths and self-service provisioning
34. AIOps: anomaly detection, event correlation and automated triage
35. Reliability at scale: capacity planning, load testing and chaos testing
36. Governance: tag enforcement, budgets as code and chargeback or showback
37. Operational reviews: Well-Architected reviews and operational readiness reviews
38. Security hardening: zero trust access, private endpoints and central SIEM
39. Migration operations: rehost and replatform waves and cutover runbooks
40. Capstone: CloudOps operating model for a multi-account estate

PRACTICE

Hands-on labs

You build these yourself during the course, guided by the trainer.

FOUNDATION **Set up basic cloud operations**
Tag a small workload, create dashboards and alarms for it, schedule snapshots and write a first incident runbook.

ESSENTIAL **Automate day-2 operations**
Manage a workload with Terraform, patch it with Systems Manager or Ansible, add OpenTelemetry tracing and alert routing to on-call.

INTERMEDIATE **Build automated remediation and DR**
Create a policy that detects a public bucket and remediates it automatically, then run and document a warm-standby DR failover.

ADVANCED **CloudOps operating model capstone**
Design the operating model for a multi-account estate with guardrails, self-service provisioning, SLOs, cost governance and DR.

HOW YOU CAN LEARN

Formats and fees

The same agenda in three formats. Fees are in Indian rupees as of November 2026; the course page shows them in your currency.

FORMAT	DURATION	WHAT YOU GET	FEE
Live & interactive (online)	Max 8-10 hours	Instructor-led public batch of max 10 learners with demos, labs, Q&A and assignment review. Weekday batches start on the 1st of every month, weekend batches on the first Saturday of every month.	**INR 34,999**
Self-paced video	1-year LMS access	All four Cloudops levels, plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate (day-wise)	5 days for this level	A private batch for your team, on demand. Foundation 1 day, Essential 2, Intermediate 3, Advanced 5 (cumulative). 1:1 training is also available on demand.	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on labs and assignments at every level. On completion you receive a DevOpsSchool certificate of completion with a unique credential ID that anyone can verify at devopsschool.com/certificates.

INCLUDED WITH EVERY LIVE BATCH

- Every live session is recorded and stays in your LMS for a year.
- Can't attend your batch? Move to next month's batch.
- Free demo class before you pay.
- Free 10-15 minute call with an advisor or the trainer to check the course fits you.

YOUR TRAINER

Learn from Rajesh Kumar

Principal Architect, trainer and mentor in DevOps, SRE, DevSecOps and platform engineering, with 20 years across 8+ software MNCs, including Staff DevOps/SRE Engineer for a leading Japanese mobile-payment platform and Principal DevOps Architect and Manager in Europe.

Profile: www.rajeshkumar.xyz · Videos: youtube.com/@TheDevOpsSchool

20 years in industry	**200+** corporate trainings
10,000+ engineers mentored	**70+** organisations coached

REVIEWS

What learners say

Rated 4.6 on Google · more reviews at devopsschool.com/testimonials and in our video testimonials.

> “Rajesh is very good trainer. Rajesh was able to resolve our queries and question effectively. We really liked the hands-on examples covered during this training program.”
>
> Indrayani, India

> “The training was very useful and interactive. Rajesh helped develop the confidence of all.”
>
> Abhinav Gupta, Pune

START YOUR CLOUDOPS TRAINING

Join the next batch

Weekday batches start on the 1st of every month and weekend batches on the first Saturday of every month, with max 10 learners each. Corporate and 1:1 batches run on demand. We reply within 1 hour.

Pay by UPI, credit and debit cards, net banking or PayPal. Before you pay, read our refund policy. All levels of this course: www.devopsschool.com/courses/cloudops/

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WHATSAPP · INDIA
+91 99057 40781

WHATSAPP · USA
+1 (469) 756-6329

EMAIL
contact@DevOpsSchool.com