DevOpsSchool

Course curriculum · November 2026

KUBERNETES · TRAINING PROGRAM

Google Kubernetes Engine Training

A practical, hands-on Google Kubernetes Engine Training curriculum: 52 topics over 2 days. Learn live online in a small batch, as a private corporate batch, or self-paced with one year of LMS access.

LIVE ONLINE **Max 8-10 hours**	CORPORATE **Private team batch, on demand**	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**

INSIDE THIS CURRICULUM

Who should attend	Objectives, audience, prerequisites
Agenda	52 topics over 2 days
Formats and fees	Live, 1:1, 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/kubernetes/google-kubernetes-engine-training.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

COURSE FIT

Who this program is for

Use this page to decide whether Google Kubernetes Engine Training matches your role and experience.

1

Objectives

Understand the core concepts and usage model, apply practical workflows through examples and guided tasks, and prepare for implementation, certification or team adoption.

2

Who should attend

Developers, DevOps engineers, administrators, SREs, security engineers, platform teams, release teams, technical leads and corporate teams working with this topic.

3

Before you start

Basic computer literacy and awareness of software, operations, cloud, DevOps or security workflows is helpful. Deep programming experience is not needed unless the topic requires it.

AGENDA AT A GLANCE · 52 TOPICS OVER 2 DAYS

Day 1

26 topics · Overview of Docker

Day 2

26 topics · Deploying a containerized web application

AGENDA · 52 TOPICS OVER 2 DAYS

Google Kubernetes Engine Training agenda

Days are for corporate (day-wise) delivery; live online batches cover the agenda in max 8-10 hours.

DAY 1

26 topics

1. Overview of Docker
2. Overview of Kubernetes
3. Overview of Google Cloud
4. Structuring projects, Virtual Private Cloud (VPC) networks, and clusters
5. Projects
6. Clusters
7. Networks and subnets
8. Multi-zone and regional clusters
9. Master authorized networks
10. Private clusters
11. Managing identity and access
12. Project-level access
13. Role-based access control (RBAC)
14. Image access and sharing
15. Determining the right image pull policy
16. Using dynamic admission webhooks to enforce policies
17. Other image deployment considerations
18. Using Workload Identity to interact with Google Cloud service APIs
19. Managing cluster security
20. Vulnerability scanning for images
21. Binary Authorization
22. Secure access with gVisor in GKE Sandbox
23. Audit logging
24. PodSecurityPolicies
25. Container security considerations
26. Create a GKE(Google Kubernetes Engine) cluster environment for production

DAY 2

26 topics

27. Deploying a containerized web application
28. Package a sample web application into a Docker image.
29. Upload the Docker image to Container Registry.
30. Deploy the sample app to the cluster.
31. Manage autoscaling for the deployment.
32. Expose the sample app to the internet.
33. Deploy a new version of the sample app
34. Managing cluster operability

35. Resource quotas
36. Resource limits
37. Pod disruption budgets
38. Managing Kubernetes upgrades
39. Upgrading the Kubernetes version
40. Node auto-repair
41. Autoscaling GKE clusters
42. Configuring networking
43. VPC-native clusters compared to routes-based clusters
44. Communicating within the same cluster
45. Network policies
46. Connecting to a GKE cluster from inside Google Cloud
47. Connecting from inside a cluster to external services
48. Configuring your services in Kubernetes to receive internet traffic
49. Backend configuration
50. Using a service mesh
51. Firewalling
52. Connecting to an on-premises data center

HOW YOU CAN LEARN

Formats and fees

The same agenda in four 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**
1:1 live training (online)	Max 8-10 hours, one-to-one	The same agenda, taught one-to-one by the trainer. Starts immediately, without waiting for the next batch; sessions planned around your working hours, at your pace.	**INR 99,999**
Self-paced video	1-year LMS access	This program plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate	Planned with your team	A private batch for your team, on demand, with examples mapped to your platforms.	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on tasks and assignments. 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 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. 1:1 training can start immediately; corporate 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 courses: www.devopsschool.com/courses/

ENROL OR RESERVE A SEAT
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