DevOpsSchool

Course curriculum · November 2026

LEVEL 01 OF 04 · FOUNDATION

# OpenShift Fundamental Training

Understand containers, Kubernetes and OpenShift, access a cluster, deploy an app with storage and compare the ways to install OpenShift.

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

| Foundation | Essential | Intermediate | Advanced |
|---|---|---|---|
| 1 day · This curriculum | 2 days · Next step | 3 days · Later | 5 days · Later |

## INSIDE THIS CURRICULUM


| | |
|---|---|
| What you will achieve | Outcomes and level focus |
| Who should attend | Audience and prerequisites |
| Agenda | 13 topics · Foundation |
| Hands-on labs | 1 lab |
| 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/openshift/openshift-fundamental-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 OpenShift course path, you will be able to:

1

### Deploy apps on OpenShift

Build, configure, expose and scale applications using the console, oc CLI, S2I and pipelines.

2

### Administer OpenShift clusters

Manage installation, storage, Operators, quotas, scheduling, nodes and backups.

3

### Secure and observe production

Run GitOps, monitoring, logging and multi-tenant security on production clusters.

WHAT THE FOUNDATION LEVEL ADDS

### Containers, Kubernetes, OpenShift basics and installation options

**Hands-on:** Access OpenShift and deploy an app. Log in to an OpenShift cluster with oc and the web console, deploy an application from Git and attach persistent storage.

WHO SHOULD ATTEND

- Beginners and working professionals who are new to OpenShift and want a solid, hands-on start.
- Engineers, analysts, testers and students preparing to use OpenShift on real work.
- Leads and managers who want first-hand familiarity with OpenShift.

BEFORE YOU START

- No prior OpenShift experience is needed.
- 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

# OpenShift Fundamental Training agenda

13 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: Containers, Kubernetes, OpenShift basics and installation options

New at this level

1. Course overview and version check: OpenShift 4.x releases and the demo environment
2. Introduction to containers: images, registries and running containers with Podman (demo)
3. Introduction to Kubernetes: pods, deployments, services and the control plane (demo)
4. Introduction to OpenShift: what Red Hat adds to Kubernetes, editions and the community OKD distribution
5. Accessing OpenShift clusters and retrieving credentials: kubeadmin, oc login and tokens (demo)
6. The OpenShift web console: Administrator and Developer perspectives (demo)
7. Deploying applications and storage on OpenShift: from an image or Git with persistent storage (demo)
8. Deployment considerations and steps: sizing, topology, connected and disconnected installs
9. Requirements: system, load balancer, DNS and firewall requirements for an OpenShift cluster
10. Bare metal and VMs: deploying OpenShift on bare metal or virtual machines (demo)
11. The Assisted Installer: deploying OpenShift from the Red Hat Hybrid Cloud Console (demo)
12. Installer-provisioned infrastructure: deploying OpenShift with openshift-install on IPI (demo)
13. Managed OpenShift clusters: Azure Red Hat OpenShift (demo), ROSA and OpenShift Dedicated, and summary

PRACTICE

# Hands-on labs

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

FOUNDATION

**Access OpenShift and deploy an app**

Log in to an OpenShift cluster with oc and the web console, deploy an application from Git and attach persistent storage.

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 | All four OpenShift levels, plus 20+ more courses and 50+ tools, at your own pace. | **INR 833/month** billed yearly at INR 9,996 |
| **Corporate (day-wise)** | 1 day for this level | A private batch for your team, on demand. Foundation 1 day, Essential 2, Intermediate 3, Advanced 5 (cumulative). | **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 OPENSHIFT 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 levels of this course: www.devopsschool.com/courses/openshift/

ENROL OR RESERVE A SEAT
**OpenShift Fundamental Training**

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**Next step after this level: Openshift Essential Training** - Work confidently with projects, RBAC and the oc CLI, and build, configure, expose and scale applications on OpenShift.