DevOpsSchool

Course curriculum · November 2026

LEVEL 04 OF 04 · ADVANCED

Camunda Advanced Training

Design, tune and secure Camunda 8 for high-volume production, plan disaster recovery and migrate Camunda 7 workloads.

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	44 topics · Foundation to Advanced
Hands-on labs	4 labs
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/camunda/camunda-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 Camunda course path, you will be able to:

1

Model executable processes

Design BPMN and DMN models with events, gateways and decisions that run on Camunda 8.

2

Integrate and automate work

Connect processes to services and people with job workers, connectors, forms and APIs.

3

Run Camunda in production

Deploy, secure, monitor, scale and upgrade Camunda 8 and plan migrations from Camunda 7.

WHAT THE ADVANCED LEVEL ADDS

Cluster scale, HA, security and migration

Hands-on: Order-to-cash orchestration capstone. Design a production-grade order-to-cash process across microservices with compensation, a sized cluster, backups and KPI dashboards.

WHO SHOULD ATTEND

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

BEFORE YOU START

- The Intermediate level, or equivalent hands-on experience.
- You can already: Integrate processes with connectors, test and deploy models from CI/CD and operate a secured self-managed Camunda 8 cluster.
- 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

Camunda Advanced Training agenda

44 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: BPMN basics, Camunda 8 components, first process

Included from Foundation

1. Process orchestration: BPM concepts, long-running workflows, human and system tasks
2. Camunda 8 architecture: Zeebe engine, Operate, Tasklist, Optimize, Identity, Connectors and Modeler
3. Camunda 7 and Camunda 8: embedded engine versus remote Zeebe engine and what changes for teams
4. Getting started: Camunda SaaS trial or a local Camunda 8 Run or Docker Compose setup
5. BPMN 2.0 basics: start and end events, tasks, sequence flows and gateways
6. Modeling tools: Web Modeler and Desktop Modeler, deploying a first process
7. Service tasks and job workers: task types, job activation and completing jobs
8. Process variables: JSON variables, input and output mappings
9. Operate basics: starting process instances and following their state and variables
10. User tasks in Tasklist: forms, assignment, claiming and completing tasks

DAY 2 — Essential: Gateways, events, DMN, forms and workers

Included from Essential

11. Gateways: exclusive, parallel, inclusive and event-based gateways
12. FEEL expressions: conditions, variable mappings and built-in functions
13. Events: timer, message, signal and error events, interrupting and non-interrupting boundary events
14. Message correlation: correlation keys and publishing messages through the API
15. Subprocesses and call activities: embedded, event subprocesses and reusable called processes
16. Multi-instance activities: parallel and sequential loops over collections
17. DMN decision tables: hit policies, business rule tasks and testing decisions
18. Camunda Forms: form builder, validation and linking forms to user tasks
19. Job workers in code: Java client with the Spring Boot SDK, Node.js and community SDKs
20. Camunda APIs: REST and gRPC, deploying resources, creating instances, client credentials
21. Incidents: failed jobs, retries, backoff and resolving incidents in Operate
22. Team workflow: Web Modeler projects, collaboration, versions and milestones

DAY 3 — Intermediate: Connectors, testing, CI/CD and self-managed operations

Included from Intermediate

23. Outbound connectors: REST, Kafka, Slack and cloud connectors with connector secrets
24. Inbound connectors: webhooks and message start events from external systems
25. Custom connectors: building and packaging with the Connector SDK
26. Error handling patterns: BPMN errors versus technical failures, escalation and compensation
27. Testing processes: Camunda Process Test and unit tests for workers and DMN
28. CI/CD for process models: versioning BPMN and DMN files and deploying them from pipelines
29. Identity and access: OIDC providers, roles, authorizations and multi-tenancy
30. Self-managed installation: Camunda Helm charts on Kubernetes, components and values files

31. Monitoring: Prometheus metrics, Grafana dashboards, Zeebe health and backpressure
32. Optimize: process analytics, reports, dashboards and alerts
33. Troubleshooting: stuck instances, variable size limits, job timeouts and worker logs

DAYS 4-5 **Advanced: Cluster scale, HA, security and migration** — New at this level

34. Zeebe cluster design: partitions, replication factor, brokers and gateways
35. Performance tuning: worker concurrency, job streaming, backpressure and exporter load
36. High availability and disaster recovery: multi-region options and backups of Zeebe and secondary storage
37. Secondary storage: Elasticsearch or OpenSearch sizing, data retention and archiving
38. Security hardening: TLS, OAuth client scopes, secrets for connectors and network policies
39. Upgrades: rolling minor version upgrades and compatibility checks
40. Camunda 7 to 8 migration: model conversion, migration analyzer and coexistence strategy
41. Process governance: modeling conventions, versioning strategy and process instance migration
42. Enterprise patterns: saga orchestration for microservices, human-in-the-loop and AI agent tasks
43. End-to-end observability: tracing workers and tracking business KPIs in Optimize
44. Capstone: order-to-cash orchestration with SLAs, compensation and dashboards

PRACTICE

Hands-on labs

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

FOUNDATION

Deploy a first order process

Model an order process with a service task and a user task, deploy it, complete the work with a small job worker and inspect the instance in Operate.

ESSENTIAL

Build a decision-driven approval flow

Model a loan or purchase approval with gateways, a DMN decision, timers and a form, and implement its workers in Java or Node.js.

INTERMEDIATE

Ship a tested process through CI/CD

Add REST and webhook connectors to a process, write process tests, and deploy the models from a pipeline to a Helm-installed cluster.

ADVANCED

Order-to-cash orchestration capstone

Design a production-grade order-to-cash process across microservices with compensation, a sized cluster, backups and KPI dashboards.

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 Camunda 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).	**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 CAMUNDA 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/camunda/

ENROL OR RESERVE A SEAT
Camunda Advanced Training

WHATSAPP · INDIA
+91 99057 40781

WHATSAPP · USA
+1 (469) 756-6329

EMAIL
contact@DevOpsSchool.com