DevOpsSchool

Course curriculum · November 2026

LEVEL 02 OF 04 · ESSENTIAL

Continuous Testing Essential Training

Automate API, UI and BDD tests with managed test data and ephemeral environments, and keep suites fast and stable.

LIVE ONLINE **Max 8-10 hours**	CORPORATE (DAY-WISE) **2 days · Days 1-2**	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 · This curriculum	3 days · Next step	5 days · Later

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	20 topics · Foundation to Essential
Hands-on labs	2 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/continuous-testing/continuous-testing-essential-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 Continuous Testing course path, you will be able to:

1

Automate tests in CI

Write and run unit, API and UI tests with reports on every commit.

2

Build quality gates

Add contract, performance, security and accessibility tests that gate releases.

3

Lead testing strategy

Design risk-based continuous testing that extends safely into production.

WHAT THE ESSENTIAL LEVEL ADDS

API, UI, data and environments

Hands-on: Build a layered test pipeline. Create unit, API and Playwright UI test stages that run in parallel against a Testcontainers environment with test data seeding.

WHO SHOULD ATTEND

- Learners who know the basics of Continuous Testing and want to use it confidently every day.
- Professionals taking over Continuous Testing work on a live project.
- Teams agreeing on a common way of working with Continuous Testing.

BEFORE YOU START

- The Foundation level, or equivalent hands-on experience.
- You can already: Explain continuous testing and the test pyramid, write automated tests and run them with reports on every commit.
- 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 ESSENTIAL

Continuous Testing Essential Training agenda

20 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: Testing strategy and automated tests in CI

Included from Foundation

1. Continuous testing: testing at every pipeline stage, shift-left and shift-right
2. Test pyramid: unit, integration, API, UI and end-to-end tests and their balance
3. Automated test types: unit, integration, system and functional tests
4. Frameworks: JUnit 5, TestNG, pytest and Jest
5. First tests: writing unit tests and running them in the build
6. CI integration: integrating automated testing with CI on every commit
7. Test reports: JUnit XML and Allure reports
8. Defect-driven tests: writing tests for defects to prevent regressions
9. Test code quality: version control, naming and readable assertions
10. Testing roles: developers, testers and SDETs in a continuous testing team

DAY 2 — Essential: API, UI, data and environments

New at this level

11. API testing: REST Assured, Postman with Newman and schema validation
12. UI testing: Selenium 4 WebDriver and Grid, Playwright and Cypress
13. Test data: fixtures, factories, synthetic data and masking
14. Test environments: Testcontainers, Docker Compose and ephemeral environments
15. BDD: Cucumber and Gherkin scenarios
16. Test doubles: mocking with Mockito and service virtualization with WireMock
17. Speed: parallel execution and sharding
18. Coverage in pipelines: JaCoCo, coverage.py and thresholds
19. Flaky tests: detection, quarantine and root causes
20. Test pipelines: stages in Jenkins, GitHub Actions and GitLab CI

PRACTICE

Hands-on labs

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

FOUNDATION

Run tests on every commit

Add unit tests to a small service, run them in a CI pipeline on every push and publish JUnit and Allure reports.

ESSENTIAL

Build a layered test pipeline

Create unit, API and Playwright UI test stages that run in parallel against a Testcontainers environment with test data seeding.

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 Continuous Testing levels, plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate (day-wise)	2 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 CONTINUOUS TESTING 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/continuous-testing/

ENROL OR RESERVE A SEAT
Continuous Testing Essential Training

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Next step after this level: Continuous Testing Intermediate Training - Add contract, performance, security, accessibility and visual tests to pipelines and gate releases on combined results.