DevOpsSchool

Course curriculum · November 2026

LEVEL 01 OF 04 · FOUNDATION

Selenium Foundation Training

Set up Selenium 4 with Java and run your first browser automation script with a clear view of how WebDriver works.

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

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	11 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/selenium/selenium-foundation-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 Selenium course path, you will be able to:

1

Automate real web flows

Write reliable WebDriver scripts that locate elements, handle alerts and windows and perform complex user actions.

2

Build maintainable frameworks

Structure tests with Page Object Model, Page Factory and data- or keyword-driven design backed by Apache POI.

3

Run tests at scale

Execute suites in parallel on Selenium Grid and from CI pipelines with clear, shareable reports.

WHAT THE FOUNDATION LEVEL ADDS

Selenium concepts, setup and first script

Hands-on: First Selenium script in Java. Create a Maven project with Selenium 4, let Selenium Manager resolve the driver and write a TestNG test that opens a site, asserts its title and closes the browser.

WHO SHOULD ATTEND

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

BEFORE YOU START

- No prior Selenium 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

Selenium Foundation Training agenda

11 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: Selenium concepts, setup and first script

New at this level

1. Introduction to Selenium: what Selenium is, its history and where it fits in web test automation
2. Components of Selenium: WebDriver, Selenium IDE and Selenium Grid, and how they work together
3. Why Selenium is better than other tools: open source, multi-browser, multi-language; advantages and disadvantages
4. Manual vs automated testing: what to automate, the test pyramid and where UI tests belong
5. WebDriver architecture: W3C WebDriver protocol, browser drivers, WebDriver BiDi and how commands reach the browser
6. Environment setup: JDK 21, a Maven or Gradle project, Selenium 4 dependencies and IntelliJ IDEA or Eclipse
7. Selenium Manager: automatic driver resolution for Chrome, Firefox and Edge without manual driver downloads
8. First script: launch a browser, open a URL, read the page title and quit the session cleanly
9. Selenium IDE: record and play back a flow in the browser extension and export it as Java code
10. Test runner basics: TestNG or JUnit 5 annotations, assertions and running tests from the IDE and Maven
11. Browser options: ChromeOptions and FirefoxOptions, headless mode, window size and page load strategy

PRACTICE

Hands-on labs

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

FOUNDATION

First Selenium script in Java

Create a Maven project with Selenium 4, let Selenium Manager resolve the driver and write a TestNG test that opens a site, asserts its title and closes the browser.

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 Selenium 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 SELENIUM 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/selenium/

ENROL OR RESERVE A SEAT
Selenium Foundation Training

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Next step after this level: Selenium Essential Training - Drive browsers with core WebDriver commands and robust locators to automate a complete web application flow.