Jaipur Engineers
Your One-Stop IT & Staffing Ecosystem

JAVA

Java Testing

SAMPLE PROJECT

Regression Suite for a Booking Service



COURSE FEE

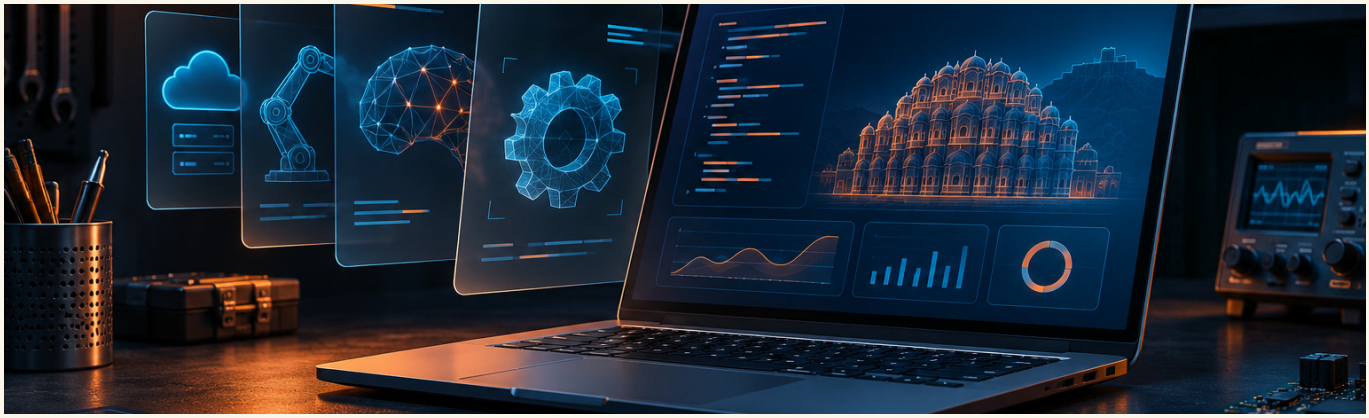
Fee on enquiry

JAIPUR, RAJASTHAN

+91 70146 92039

Java Testing

Core concepts



01

JUnit assertions, fixtures and parameterized cases

02

Mocking collaborators and test doubles

03

Spring service and repository integration tests

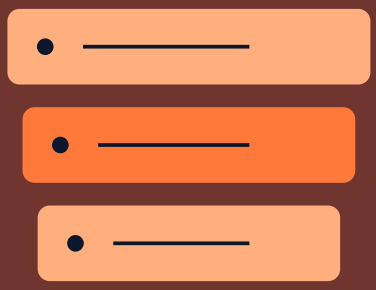
Model the domain

Identify data, actions and boundaries before writing the first class.

Java Testing

Applied skills

- **Model**
- **Execute**
- **Verify result**



04 API response validation and failure cases

05 Selenium locators, waits and test isolation

06 Build reports, CI and flaky-test analysis

PROJECT DELIVERABLES

A runnable Java project, test results and notes on design and error handling.

Java Testing

Portfolio project

Regression Suite for a Booking Service

Test booking rules with JUnit, then verify API and browser behaviour using repeatable scenarios.



Model the domain

Identify data, actions and boundaries before writing the first class.

Check a failure

Write a test for a rejected operation and confirm the data stays consistent.

A runnable Java project, test results and notes on design and error handling.

Java Testing

Course fees

COURSE FEE

Fee on enquiry

Ask admissions for the course fee, available batches and enrolment details.

ADMISSIONS

+91 70146 92039

info@jaipurengineers.com

122/228, Indra Path, Thadi Market

Mansarovar, Jaipur, Rajasthan 302020

SCAN FOR MAP

Check course details

Java Testing

Course content

MODULES 01–02

01

Lessons & practice

- JUnit assertions
- Fixtures
- Parameterized cases

HANDS-ON — Write parameterized JUnit tests for valid, boundary and invalid inputs.

02

Lessons & practice

- Mocking collaborators
- Test doubles

HANDS-ON — Replace a collaborator with a test double and verify the behaviour that matters.

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Course content

MODULES 03–04

03

Lessons & practice

- Spring service
- Repository integration tests

HANDS-ON Test service logic and repository persistence with repeatable fixtures.

04

Lessons & practice

- API response validation
- Failure cases

HANDS-ON Check successful API requests and structured errors with assertions on the response.

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Course content

MODULES 05–06

05

Lessons & practice

- Selenium locators
- Waits
- Test isolation

HANDS-ON Use stable locators and explicit waits to test a simple form.

06

Lessons & practice

- Build reports
- CI
- Flaky-test analysis

HANDS-ON Run the suite in CI and use a report to investigate one flaky test.