

TDD & JUnit: Quality in Java

Learn the art of writing testable architecture from scratch.

DURATION

1 day

LEVEL

Professional

GROUP RATE

\$2,900

CURRICULUM & HIGHLIGHTS

- JUnit 5 Core & Architecture
- TDD: Red-Green-Refactor
- Mockito & Mocking
- Design for Testability
- Assertions & Matchers

Poor test coverage leads to expensive regressions and a fear of changing existing code, which ultimately stifles innovation. Testability is not just an afterthought—it's a measure of good architecture and requires a specific methodology to be successful in complex systems today.

Through the Red-Green-Refactor cycle, I teach how tests drive the design forward in your code. We use JUnit 5 and Mockito to create fast and isolated unit tests that provide immediate feedback during development. You leave the day with a deeper understanding of how to build a codebase that is easy to change and maintains high quality even under time pressure. This creates confidence for the entire team and enables a faster development pace without compromising stability in production.

TERMS

Fixed rate (max 12) for remote delivery. Extra costs for onsite.

YOUR OUTCOME

An established TDD workflow and knowledge on isolating dependencies with Mockito.

TARGET AUDIENCE

Development teams striving for high code quality and reliable releases in Java.

PREREQUISITES

Experience with Java development equivalent to 'Java Jumpstart: The Essentials'.

TECHNOLOGIES & FOCUS

TDD

JUNIT 5

MOCKITO

QUALITY

UNIT TESTING

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Andreas Olsson

EXPERT INSTRUCTOR | 20+ YEARS EXP