Angular Testing with Vitest and Playwright

From the first unit test to reliable end-to-end tests: Vitest and Playwright for Angular – fast, stable and maintainable.

1 OR 2 DAYS | INTERMEDIATE | REMOTE OR IN-HOUSE | GERMAN & ENGLISH | UP TO 12 PARTICIPANTS (MORE ON REQUEST)

WHO IT'S FOR

- Angular developers who want to start testing properly
- Developers who write tests but don't trust them
- Teams with slow, flaky or missing test suites
- Teams introducing Vitest or Playwright

AFTERWARDS YOUR TEAM CAN

- Test components, services, routing and directives with Vitest
- Handle asynchronous code and HTTP in tests without hacks
- Write end-to-end tests with Playwright that survive refactorings
- Decide what to test on which level – and what not to

PREREQUISITES

- Practical Angular experience
- No testing experience needed – we start with the basics
- A laptop with your usual development setup

Tests are only useful when the team trusts them. This workshop starts with the basics and ends with a test suite your team can rely on: component and service tests with Vitest, end-to-end tests with Playwright – fast, stable and readable.

One day covers unit and component tests; the second day adds end-to-end tests with Playwright and time for your own test suite.

AGENDA

The order and the depth of each block are adapted to your team – topics you already master are skipped, your questions get the time instead.

01 Testing Basics
- What to test on which level: unit, component, end-to-end
- Vitest in an Angular CLI project
- Readable tests: arrange, act, assert

02 Testing Services and HTTP
- Services with dependency injection and TestBed
- HTTP calls with provideHttpClientTesting
- Synchronous and asynchronous code, fake timers

03 Testing Components
- Components with inputs, outputs and signals
- Templates, the async pipe and control flow
- Zoneless change detection in tests

04 Routing and Directives
- Router tests with RouterTestingHarness
- Guards and resolvers
- Attribute and structural directives

05 End-to-End Testing with Playwright
- Locators and assertions that survive refactorings
- Mocking the backend with route interception
- Running in CI and debugging failing tests

06 Your Test Suite
- Making slow or flaky tests reliable
- Questions from your code base

YOUR TRAINER



Fabian Gosebrink

MICROSOFT MVP, GOOGLE DEVELOPER EXPERT

Builds Angular applications with teams every week and has given 120+ conference talks on Angular, state management and architecture.

REQUEST A TRAINING

- For your team only – Remote or in-house
- up to 12 participants (more on request)
- from CHF 2,400 per day for the whole team
- On site: plus travel at cost
- Fixed quote within one business day
- The first call is free and without obligation
- German or English
- Based near Zurich – on site in CH, DE, AT; remote everywhere

Request this training: **offering.solutions/advanced-angular-testing-with-end-to-end/** · mail@offering.solutions