

Fatih Topcuoglu



Senior Test Automation Engineer | Test Lead | DevOps QA

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Profile

T-shaped Test Automation Expert with 20 years of experience delivering quality at scale in Agile/DevOps environments across banking, government, media and telecom. Specialist in building test automation from the ground up – UI, API, mobile and performance – and embedding it into CI/CD pipelines (AWS, Jenkins, GitLab). Combines strategic advisory (test maturity, tooling selection, department setup) with hands-on engineering in Java, JavaScript, Scala, Swift and Kotlin using frameworks such as Playwright, Cypress, Selenium/Cucumber, Karate, Appium, Espresso, XCUITest and Gatling/JMeter. Known for proactive leadership, clear stakeholder communication and a track record of improving test coverage and release confidence.

Core Competencies

- Test Strategy & Test Automation Architecture (Test pyramid: Unit - API - UI - E2E)
- CI/CD Integration & DevOps QA (Jenkins, GitLab CI, Bitbucket Pipelines, AWS)
- API Testing (Karate BDD, RestAssured, RestTemplate, WireMock, Postman)
- UI & Mobile Automation (Playwright, Cypress, Selenium, Appium, Espresso, XCUITest)
- Performance & Load Testing (Gatling/Scala, JMeter)
- Leadership: QA Lead, Test Coordinator, Scrum Master, Competence Developer
- Quality Coaching, TPI, and setting up test departments

Technical Environment

- Languages: Java, JavaScript/TypeScript, Scala, Swift, Kotlin, HTML/CSS, SQL
- Frameworks: Playwright, Cypress, Selenium, Cucumber, Karate, TestNG, JUnit, Appium, Espresso, XCUITest, Gatling, JMeter
- Tools: IntelliJ, Xcode, Android Studio, Postman, SoapUI, BrowserStack, Firebase, Git, Bitbucket, GitHub, GitLab, Jenkins, Docker, Maven/Gradle
- Platforms: AWS, Microservices (Spring Boot), Oracle, Tibco, MongoDB, Linux, macOS, Windows, Android, iOS

- Methods: Agile/Scrum/Kanban, DevOps, TDD, BDD, TMAP, ISTQB, Prince2, IPMA-D, ITIL

Education & Certifications

- HBO – Business, Management & IT (2006)
- TMAP Test Manager, TMAP Next, Test Coordinator – Certified
- ISTQB Foundation – Certified
- Scrum Master PSM I, Agile Foundation – Certified
- IPMA-D, Prince2 Foundation, ITIL – Certified
- AWS Certified Practitioner (2018)
- Java OCA / Unit Testing (2019)

Professional Experience

05/2024 – present | Nationale Politie – European Smart Borders (Het Europoloket)

Role: Test Automation Lead

EU programme for secure border management with biometric traveller processing across member states.

- Designed and maintain Playwright UI framework and Java/TestNG API framework
- Built SIT and performance frameworks (JMeter) integrated in Jenkins pipeline
- Prepared test data and supported E2E/integration testing with business stakeholders
- Result: significant increase in test coverage and faster, more reliable releases

Environment: Java, Playwright, TestNG, JMeter, Jenkins, Bitbucket, CI/CD

05/2021 – 09/2024 | DPG Media

Role: Test Automation Lead

Backend migration and maintenance for customer, billing and subscription platform serving major Dutch/Belgian titles.

- Built Cypress UI, Karate/Java API, and Gatling/Scala performance frameworks; maintained Cucumber/Java E2E suite
- Integrated all frameworks into AWS CI/CD, enabling shift-left testing
- Acted as QA Lead in taskforces and steering groups; coached teams on quality
- Result: stable migration of millions of customers from legacy to new platform

Environment: Cypress, Karate, Java, JavaScript, Gatling, Scala, AWS, MongoDB, Event-Driven Architecture

10/2020 – 05/2021 | ICTU

Role: Test Automation Engineer

Dutch building block for EU Smart Borders system.

- Java/TestNG automation, REST API testing with RestTemplate, XML/XSD messaging
- Data-driven BI process validation in CI/CD
- Delivered first production-ready components to management organisation

Environment: Java, TestNG, Selenium, Docker, GitLab, Jenkins

09/2020 – 10/2020 | De Kindertelefoon

Role: Accessibility Test Automation

WCAG 2.1 compliance for public website.

- Automated accessibility checks with Cypress-AXE, complemented by manual testing
- Delivered audit report leading to official government accessibility statement

Environment: Cypress, AXE, HTML, CSS, JavaScript

09/2019 – 09/2020 | PanCompany

Role: Competence Developer (Test Automation)

Set up internal test automation practice.

- Defined training curriculum, organised meet-ups, authored TestNet articles
- Supported sales with propositions and candidate assessments
- Created central knowledge base for QA

Environment: Selenium, Cypress, Jenkins, GitLab, Java

01/2017 – 09/2020 | DPG Media (De Persgroep)

Role: Lead QA – Selectives Platform

Unified digital platform for Volkskrant, Trouw, Parool, De Morgen, Humo (web, iOS, Android, backend).

- Owned overarching test strategy; implemented BDD with Cucumber/Java and Karate
- Built mobile automation (Appium, Espresso, XCUI) and performance tests
- Coordinated chain tests across teams; used Firebase/Analytics for risk-based testing
- Result: successful cloud migration to AWS with single codebase for all titles

Environment: Spring Boot, Cucumber, Karate, Appium, Espresso, XCUI, AWS, Jenkins, Bitrise

Earlier Career (2006 – 2016) – Selected Highlights

- 06/2014 – 12/2016 | ING Finance | Test Automation Engineer – BI solution for international financial reporting. Built Fitness automation, coordinated chain/load/stress tests, implemented CI/CD. Tech: HP ALM, Jenkins, Docker, Oracle BI/DWH.
- 11/2013 – 05/2014 | KPN Zakelijk | Senior Test Manager – Test strategy and delivery for VoIP/data centre services. MTP/DTP, PRA, defect management.
- 08/2013 – 11/2013 | KWF Kankerbestrijding | Test Manager – Launch of kwf.nl, introduced TMAP, started Selenium/Java automation.
- 04/2013 – 08/2013 | PGGM | SEPA Auditor/Test Coordinator – SEPA compliance audit and acceptance/penny testing.
- 06/2012 – 04/2013 | ING Cards | Senior Test Engineer – Migration to Oracle platform and mobile payments pilot. Agile transition lead.
- 2009 – 2012 | ING Offices Programme | Project Lead/Implementation Manager – Delivered 285 bank branches post-merger, including systems acceptance and staff training.
- 2006 – 2009 | ING LISA | Test Consultant – Functional/UAT for front-office application; foundations for QTP automation.

Additional Strengths

- 7+ years Java, Selenium/Cucumber; 10+ years Scrum/Agile & Jira; 10+ years CI/CD (Jenkins, Maven/Gradle, Git)
- 7+ years performance testing (Gatling/Scala/JMeter); 7+ years system integration testing & Docker
- Recent: implemented QualityTime for software quality monitoring
- Active contributor to TestNet; hobby projects in BDD/TDD for web and mobile