Barış Perveroğlu

SENIOR TEST AUTOMATION ENGINEER

Test Automation Engineer • Java + API Specialist • Building AI-Powered QA at Scale

Experienced QA Automation Engineer with 5+ years in software testing and DevOps, delivering robust, scalable automation solutions for global enterprises including Mercedes-Benz, Garanti BBVA Specialized in Java-based backend and API testing, Selenium-driven UI automation, and full-stack testing integration within CI/CD pipelines.

WORK EXPERIENCE

Senior Quality Assurance Engineer | Mercedes - Benz
Feb 2023 - present

- Built modular test frameworks (Java, Python, Ranorex, Selenium, Playwright), cutting feedback cycles by 50% across web, API, and Windows apps.
- Automated 500+ test cases, reducing production defects by 70%, with full CI via GitHub Actions.
- Improved performance with intelligent test selection, reducing execution time by 45%.
- Developed real-time QA dashboards for better test visibility and traceability.
- Leading AI project using LangChain + OpenAI to build agents automating Jira, Confluence, and CI — saving ~4h/week per user.
- Appointed FOSS Coordinator to oversee open-source compliance and tooling.
- Mentored team on QA strategy, scalable automation, and shift-left practices.
- Created and maintained PACT contract tests for critical API integrations.

Test Automation Engineer | Garanti BBVA
Oct 2022 - Feb 2023

- Designed and implemented 200+ API-level tests using RestAssured
- Achieved over 95% automated test coverage across web and backend components
- Built automated smoke test sets for release validation

QA Engineer | Turkcell via NETAS
Jun 2020 - Oct 2022

- Maintained 2,500+ Mobile, Web, API test cases, using Java, Appium, Selenium, Cypress, and BDD
- Migrated over 300 Postman API tests into a scalable Java + RestAssured framework.
- Executed test suites on real devices, validating messaging, calls,media flows across iOS and Android.

SKILLS

Programming Languages
Java | Python | SQL | JavaScript

Automation & Testing
Selenium | Cypress | RestAssured | Playwright

Tools & Utilities
Postman | Insomnia | VSCode | Cursor

Performance & Load
Jmeter | Locust | Grafana | Gattling

Artificial Intelligence
LangChain | RAG | OCR | Transformers

DevOps & CI/CD
Jenkins | Azure | GitHub Actions | Docker

EDUCATION

Computer Engineering | Bahcesehir University
Sept 2015 - Jan 2020

- Studied Computer Science with full scholarship
- Thesis in Categorizing RSS Feed with Intend Classification

Science High School | Final Okullari
Sept 2009 - June 2013

- Studied with full scholarship

ORGANIZATIONS & CERTIFICATES

- ISTQB Foundation Level
- Bahcesehir University Software and Engineering Club - Board Member
- Bahcesehir University Student Council - Board Member
- DevNote Cloud Summit - Organization Staff

INTERESTS

ML & AI | Digital Art | Vibe Coding | History | Tennis | Game Dev