

Aytekın Kaplan

Full Stack Developer & Software Development Engineer in Test (SDET)

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Professional Summary

Versatile Full Stack Developer and Software Development Engineer in Test with extensive experience in both front-end and back-end technologies. Proficient in Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC). Skilled in creating robust automation frameworks and conducting comprehensive testing across various platforms. Demonstrates strong analytical abilities and excels in Agile/Scrum environments. Committed to delivering high-quality software solutions and ensuring optimal user experiences.

Technical Skills

- Programming Languages: Java, Python, JavaScript, HTML, CSS, SQL
- Frameworks & Libraries: Node.js, Express, React, Selenium WebDriver, Cucumber, JUnit, TestNG
- Databases: MySQL, PostgreSQL, MongoDB
- Testing: Functional, Regression, Smoke, API, Front-end, Back-end, Performance
- Tools: Maven, Jenkins, JIRA, Git, GitHub, Postman, Docker
- Methodologies: Agile/Scrum, BDD, TDD
- Cloud: AWS (Lambda, IAM, CLI)
- Other: RESTful APIs, ORM, MVC, OOP, Microservices

Professional Experience

Junior Test Automation Engineer

TrioFan Technology | Waalre, Holland | Aug 2023 – Present

- Develop and maintain automated test suites using Selenium WebDriver, Cucumber, and Java
- Implement Page Object Model (POM) and BDD frameworks for efficient test automation
- Conduct API testing using Postman and RestAssured
- Participate in Agile ceremonies and contribute to continuous improvement initiatives
- Perform cross-browser testing and integrate automated tests with CI/CD pipelines using Jenkins

Education

Bachelor's Degree in Physics Education

Istanbul Marmara University | Istanbul, Turkey | 2002–2008

Certifications

- Full Stack Automation Testing Engineer | Clarusway | 2024
- FS-CH16-EU-Backend Development | Clarusway | 2024
- Back-end Application Development with Node.js and Express | IBM (edX) | 2024

Additional Skills

- Python Flask, Python Pandas
- Data analysis and visualization
- Strong problem-solving and debugging skills
- Excellent communication and teamwork abilities

Languages

- Turkish (Native)
- Kurdish (Intermediate)
- English (Intermediate)

Volunteer Experience

Education Volunteer

Euphrates Educational Institution | Turkey | June 2008 - Present

- Conduct workshops for underprivileged students in math and science
- Collaborate with teachers to create interactive, hands-on lesson plans
- Contribute to community outreach programs promoting access to quality education

Achievements

- Implemented a mentorship program leading to a 20% improvement in students' academic performance
- Contributed to the establishment of a community library for self-directed learning
- Developed an automated testing framework that reduced regression testing time by 40%