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SOFTWARE DEVELOPER IN TEST

SUMMARY

Software Developer in Test (SDET) with 4+ years of experience in test automation, mobile and backend testing. Skilled in building scalable automation frameworks using Selenium, Appium, and XCUITest, and integrating them into CI/CD pipelines. Experienced in API testing, performance testing, and validating high-traffic systems, including platforms handling 2B+ visits. Proven track record of reducing release cycles and improving software quality through automation and engineering-driven testing approaches. Strong background in Agile environments, bridging the gap between QA and Software Engineering.

WORK EXPERIENCE

*TRENDYOL GROUP – Istanbul, Turkey

Developer In Test | Jul 2024 – Present

Associate Developer In Test | Feb 2022 – Jul 2024

Core Team: Search

(Leading QA operations for one of Trendyol's highest-traffic domains, ensuring the stability of a platform serving millions of users.)

Mobile Automation & Strategic Impact:

- Spearheaded the transition from manual-heavy testing to a robust automated ecosystem, architecting a suite of **1,500+ Regression and 2,000+ Snapshot tests** using XCUITest.
- Successfully **reduced the Release Candidate (RC) cycle from 3 days to 1 day**, significantly accelerating time-to-market for new features.
- Designed scalable frameworks for iOS and Android to ensure UI consistency and functional excellence across all high-click surfaces.

API, Backend & Scalability Engineering:

- **Performance at Scale:** Executed critical performance and load testing for mega-campaign periods (e.g., November sales) handling **over 2 billion visits**, ensuring zero downtime and seamless UX under extreme concurrency.
- **Backend & Middleware Validation:** Conducted rigorous end-to-end testing of **proprietary middleware and backend architectures** using **Postman** and internal tools, ensuring data integrity and high-performance communication between mobile clients and server-side services.

Development Contribution & AI-Driven Quality:

- Directly contributed to the codebase by **identifying and fixing bugs using AI-assisted development tools**, acting as a bridge between QA and Software Engineering.
- Performed deep-dive root cause analysis and assisted in feature development, enhancing overall code quality and maintainability.

Internal Tooling & CI/CD:

- **Architected and developed custom internal tools** that automated repetitive manual tasks, optimizing the entire STLC (Software Testing Life Cycle).
- Integrated automated test suites into **CI/CD pipelines**, establishing continuous quality gates and ensuring high-confidence deployments.

*HUAWEI – Istanbul, Turkey

Software QA Engineer | Aug 2021 – Feb 2022

- **Mobile Automation & BDD:** Engineered iOS UI automation suites using Appium, Cucumber (BDD), and optimized script execution for faster regression feedback.
- **Full-Cycle QA:** Managed end-to-end testing (Smoke, Regression, UAT) and compatibility checks across diverse iOS devices to ensure seamless UX.
- **Performance & API:** Executed load testing with JMeter and conducted rigorous API validation using Postman to ensure backend-frontend synchronization.

*GARANTI BBVA TEKNOLOJI (via Testinium) – Istanbul, Turkey

Assistant Software QA Engineer | Mar 2021 – Aug 2021

- **Web Automation:** Developed automated test suites for critical banking modules using **Selenium, JUnit, and Cucumber**, focusing on high reliability and cross-browser compatibility.
- **CI/CD & Quality:** Leveraged **SonarQube** for static code analysis and integrated automated scripts into **Jenkins** pipelines to establish continuous quality gates.
- **Agile Collaboration:** Delivered high-quality financial software solutions within a fast-paced **Agile/Scrum** environment.

*TESTINIUM– Istanbul, Turkey

Assistant Software QA Engineer | Feb 2021 – Aug 2021

- **Technical Foundations:** Completed an intensive professional program focused on **ISTQB standards, Agile Testing, and BDD** methodologies.
- **Automation Stack:** Gained hands-on expertise in **Selenium, Appium, Gauge, and JUnit** for web and mobile automation.

EDUCATION

Bahçeşehir University | BSc in Software Engineering | 2015 – 2021

CERTIFICATIONS & COURSES

Game Design Summer School | Royal Leamington Spa College, UK (Selected by University for 2-week intensive program) | 06/2019

Agile Project Management | Testinium | 02/2021

TECHNICAL SKILLS

Testing: Automated Testing, API Testing, Performance Testing

Automation: Selenium, Appium, XCUITest

Languages: Java, Python, C#, Swift

Tools: Jenkins, JMeter, Postman, SonarQube, Swagger

LANGUAGES

English: Fluent