Osman Turalioglu

QA Automation Engineer

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⊕ Portfolio

Summary

An ISTQB-certified tester with a wealth of experience in QA automation, demonstrating a strong track record in improving software quality and efficiency in web security, avionics, and GIS sectors. Expert in strategic test automation to minimize manual testing efforts and foster effective collaboration with agile development teams, enhancing product integrity. Renowned for commitment to excellence in software testing and quality assurance.

Experience

Feb. 2024
Dec. 2021
QA Automation Engineer, *Invicti Security*, WebApp Security, Remote.

- Played a pivotal role in all monthly software release tests and managed software releases, ensuring seamless integration and deployment processes through effective communication with release managers, developers, and DevOps teams.
- Spearheaded the increase of automation test coverage by designing, developing, and maintaining automated tests for new features like Single Sign-On (SSO), Role-Based Access Control (RBAC), Risk Scoring, and Agents, drastically cutting down manual testing efforts.
- Proactively investigated and resolved over 200 software issues as documented in JIRA bug tickets, significantly enhancing product quality and user satisfaction.
- Orchestrated hundreds of regression tests, maintaining software integrity and functionality with each new release or update.
- Conducted daily monitoring of nightly automation runs and maintained the automation suite to ensure its optimal performance and reliability.

Reference: Seyma Nur Kara, Director of Engineering (seymanur.kara@invicti.com)

Oct. 2021
Feb. 2021
Software Test Engineer, *Havelsan*, Troubleshooting Simulators, Ankara.

- Managed multiple avionics troubleshooting simulator environments for aircraft, ensuring the precise and effective execution of test scenarios.
- Developed over 50 detailed test plans, scenarios, use cases, scripts, and procedures for avionics systems, providing technicians with realistic training modules.
- Compiled and delivered comprehensive test outcome reports, identifying and confirming the resolution of over 100 avionics system anomalies, thus enhancing the simulator training program's fidelity and educational value.

Reference: Mustafa Tokgoz, Team Lead (mtokgoz@havelsan.com)

Feb. 2021
Dec. 2020
Software Test Engineer, *SimBT*, Geographic Information System, Ankara.

- Led a comprehensive suite of tests, including white box, black box, automated, and regression tests, for the GIS project, ensuring wide coverage and early identification of key issues.
- Worked closely with the development team to efficiently identify and analyze root causes of issues, significantly contributing to the project's success within a short timeframe.

Dec. 2020
Feb. 2020
System Test Engineer, *Zinek*, Avionics Systems, Ankara.

- Defined system test requirements for three major projects (IFF, COMM, ILS), setting the foundation for rigorous testing protocols.
- Addressed and resolved avionics issues across more than 100 test, production, and fielded aircraft, boosting system performance and reliability.

Certifications and Projects

May 2023	**ISTQB Advanced Level Test Automation Engineer (CTAL-TAE)**, *International Software Testing Qualifications Board*. Achieved the globally recognized CTAL-TAE certification, underscoring advanced proficiency in test automation engineering principles, methodologies, and best practices.
Mar. 2022	**Gamified Agile Scrum Training**, *ACM Agile*. Participated in an interactive Agile Scrum training, deepening understanding of Agile methodologies and Scrum practices.
Dec. 2021	**Usage of Gherkin Language for Turkish-Speaking Software Customers**, *Master of Science Project*. Conducted a study on implementing the Gherkin language in software projects for Turkish-speaking customers, enhancing project communication and documentation.
Sep. 2021	**ISTQB Foundation Level (CTFL)**, *International Software Testing Qualifications Board*.

Skills

Software Testing & QA	Agile Testing, Software Quality Assurance, Manual Testing, Regression Testing, API Testing, UI Automation, Test Planning, Test Automation (Selenium WebDriver, TestCafe, Playwright), Testing Frameworks (Selenium, POM, Mocha, Chai, Supertest, Postman, RestAPI, GraphQL, Cucumber, Gherkin, Behave), and Quality Assurance Methodologies (Agile Methodologies, BDD, TDD).
Programming Languages & Scripting	Java, JavaScript, Python, TypeScript, HTML/CSS, Bash Scripting, C.
Development & CI/CD Tools	Version Control (Git, Bitbucket, GitLab), CI/CD (Jenkins, TeamCity, Gitlab CI), Project Management & Issue Tracking (JIRA), Modeling (UML).
Technologies & Platforms	Databases (SQL, MySQL), Cloud Services (AWS), Operating Systems (Linux), Containerization (Docker), Networking (Fiddler).
Web Technologies	Web Scraping, UI/API Automation, API Testing Tools (Postman API, GraphQL, REST APIs).
Additional Skills	Data Analysis (Machine Learning, NumPy, Pandas), Office Suite (Microsoft Office).

Education

2020–2022	**Master of Science in Software Engineering**, *Hacettepe University*, Ankara, Turkey.
2014–2019	**Bachelor of Science in Electrical-Electronics Engineering**, *TOBB University*, Ankara, Turkey.