

Ali Waris

Software Quality Assurance Engineer

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Career Summary

Dynamic Software Quality Assurance Engineer with a proven track record of delivering impactful contributions across diverse projects using hybrid software development methodologies. Proficient in test case creation, API testing, UI/UX assessment, and automation with Selenium (Python) and Cypress (JS). Known for driving significant improvements in project outcomes through rigorous testing, with achievements including a 40% increase in application stability and a 30% reduction in post-release defects.

Core Competencies:

- Automation Testing
 - Selenium Automation (Python)
 - Cypress (E2E Testing)
 - Apache Jmeter (Load/Performance Testing)
 - Back-end: API Testing
 - Version Control: Git/Bitbucket
 - Embedded Hardware (Firmware Testing)
- CI/CD
 - Security
 - Test Cases and Test Plans
 - iOS, Android, Desktop & Web App Testing
 - Tools: Postman, Jira, VS Code, Browserstack
 - IOT Device Testing

Professional Experience

Senior Software Quality Assurance Engineer at Tintash
Fully Remote • September 2019 - Present

- Front-end Automation:**
 - I worked on an automation framework using Selenium and Cypress for E2E testing of interactive websites that reduced 50% of regression testing work.
 - Use of ExtentReports for comprehensive reporting improved 25% of user interaction.
- Performance Testing:**
 - Engineered load & performance test solutions using Apache Jmeter to provide feasible solutions relevant to scalability and resource utilization.
 - Designed and implemented scripts for performance evaluation and reporting increase stability by 15%.
- Hardware (Firmware) Testing:**
 - Led testing efforts on an IoT project, ensuring seamless interoperability between Android and iOS apps and a heat-sensing device.
 - Validated hardware (firmware) stability, BLE operations through NRF Connect, WiFi connectivity, and overall application stability.
- Website Testing:**
 - Website Testing: Worked on diverse platforms ranging from designer management platforms to games and utility websites.
 - Created test plans, sprint reports, and bug reports, which ensured stability of the websites and increased efficiency while making the test cases.
- Client Collaboration:**
 - Engaged in direct discussions with clients & relevant stakeholders to gather project requirements and to ensure timely accomplishment of project milestones
 - Collaborated extensively alongside colleagues to evaluate software interfaces, fostering seamless cross functional teamwork.
- Code Analysis:**
 - I worked on static code analysis with sonar cloud to continuously improve the coding standards and share it with development team
 - Increased 30% efficiency in code base.

Education

Lappeenranta-Lahti University of Technology (LUT) Master in Software Product Management and Business	<i>Finland, Lahti • Aug 2023 - Present</i>
University of Lahore BS Software Engineering	<i>Pakistan, Lahore • Feb 2015 - Apr 2019</i>

Certifications

ISTQB Certified Tester Foundation Level	Certified Testers
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Skills

- Testing:** Manual Testing, Unit Testing, Functional Testing, Black Box Testing, Integration Testing, Game Testing, UI/UX Testing, Performance Testing, Memory Performance Testing, Hardware (Firmware) Testing, BLE Operations Testing, Mobile Testing (iOS, Android), Sonarcloud.
- Automation:** Selenium (Python), Cypress (JS) CI/CD
- Development Methodologies:** Hybrid.
- Software Management Tools:** Jira, Github, Eclipse, HacknPlan, Trello.
- Blockchain/Cryptocurrency:** Experience in blockchain testing and validation.

Projects

- DesignPro:** Facilitated streamlined processes between designers and stakeholders.
- BBQ Guru:** An IOT Device Based on a Heat Sensing Device.
- Alexgo:** Contributed to testing a next-gen decentralized application on stacks.
- PolkaCity:** Verified metaverse game stability, conducted performance tests, and validated NFT asset management.
- Connecterra:** Contributed to testing an AI assistant for the dairy industry.
- Nail Saloon 3D:** Hyper causal game of manicure madness became top # 10 games in 2021