

Professional Summary

QA Engineer with 5+ years of experience in manual and exploratory testing for mobile, web, and embedded systems. Proven expertise in test case design, defect management, and validation. Strong knowledge of JIRA, TestRail, and bug tracking tools. Experience working in Agile/Scrum environments to ensure high-quality software releases. Expanding expertise in test automation using Python, Selenium, and Appium to complement manual testing skills.

Skills & Technologies

- Testing: Manual Testing, Regression Testing, Functional Testing, Exploratory Testing, Black Box Testing
- Test Management: Test Case Design & Execution, Defect Tracking & Reporting, Test Documentation
- Agile & Collaboration: Agile & Scrum Methodologies, Cross-Functional Teamwork
- Bug Tracking: JIRA, TestRail, Bugzilla
- Platforms: Android, iOS, MAC Os, Windows
- Tools: CANalyzer, CANoe, INCA, Command Terminal, ADB, Microsoft Office
- Programming: (Currently Learning): Python, Selenium, Appium.

Work Experience

Specialist Engineer - Teoresi Inc | Troy, MI, USA | May 2023 – Present

- Conducted software validation for embedded systems, ensuring reliability and regulatory compliance.
- Performed system and integration testing for critical systems (EVCU, BPCM, IDCM, EDMs), achieving 100% compliance with internal standards.
- Led interoperability testing, reducing customer-reported issues by 90%.
- Used diagnostic tools (CANalyzer, CANoe) to analyze logs, troubleshoot issues, and enhance system stability.
- Developed test cases to improve regression coverage by 30%, reducing defect leakage.

Test Engineer - Dextra Technologies, A Deloitte Business | Zapopan, Mexico | Mar 2021 - May 2023

- Led manual validation efforts using regression, smoke, and exploratory testing to ensure software quality.
- Developed test plans and documentation, improving test coverage by 100%.
- Created detailed reports using Jira and Google Suite, enhancing data-driven decision-making.
- Worked closely with development teams to address urgent hotfixes and verification testing.
- Mentored junior testers, improving team efficiency and knowledge-sharing.

Validation Engineer - Mobile Test Services | Tlaquepaque, Mexico | Aug 2019 - Mar 2021

- Conducted manual validation for SoC components on telecom devices, ensuring on-time product releases.
- Performed network layer analysis (4.5G, 4G, 3G, 2G) using trace tools (QXDM, Shannon) to diagnose network issues.
- Developed detailed test strategies, improving validation efficiency and reducing defects by 80%.
- Coordinated with developers to optimize testing workflows, reducing test execution time by 20%.

Education

B.S. in Communications and Electronics Engineering | Universidad de Guadalajara, Mexico | Aug 2013 - Sep 2018

Certifications

- ISTQB Foundation Level Training
- Linux Mastery: Master the Linux Command Line
- Basic Course of Python
- Automated Software Testing with Python (Ongoing)
- Selenium WebDriver with Python from Scratch + Frameworks (Ongoing)
- Appium -Mobile Testing (Android/IOS) from Scratch + Frameworks (Ongoing)