EMMA RICHARDSON

Software Test Engineer

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San Francisco, CA 📍

PROFESSIONAL SUMMARY

Detail-oriented Software Test Engineer with experience in manual and automated testing. Skilled in Selenium, Python, and Agile methodologies. Proven track record of reducing software defects by 30% through optimized testing strategies. Passionate about improving software quality through rigorous testing and collaboration with development teams.

EDUCATION

Bachelor of Science in Computer Science

University of California, Berkeley, CA │ 2017

Certifications

- ISTQB Foundation Level Certification (2021)
- Certified Scrum Master (CSM) (2020)

SKILLS

- Automated testing (Selenium, JUnit) — Expert
- Manual testing — Expert
- API testing (Postman, SoapUI) — Expert
- Performance testing (JMeter) — Expert
- SQL and database validation — Expert
- Agile and Scrum methodologies — Expert
- Defect tracking (JIRA, Bugzilla) — Expert
- CI/CD (Jenkins, GitLab) — Expert
- Test case development — Expert

HOBBIES

- Video games
- Technology

EXPERIENCE

2020 - Now

Software Test Engineer
CloudSphere Technologies / San Francisco, CA

- Develop and execute automated test scripts using Selenium and Java, reducing regression testing time by 40% and improving overall efficiency.
- Identify and report over 500 software defects using JIRA, which significantly enhanced system stability and user experience.
- Conduct performance testing using JMeter to ensure applications handle up to 10,000 concurrent users without degradation.
- Collaborate with developers, business analysts, and project managers in an Agile environment to define test strategies and improve software quality.

2017 - 2020

QA Analyst
BluePixel Solutions / San Jose, CA

- Performed manual testing on web and mobile applications, leading to a 25% reduction in post-release defects and an improved end-user experience.
- Designed and executed detailed test cases across multiple environments, including Windows, macOS, and Linux.
- Assisted in transitioning the team from manual to automated testing, implementing a Selenium-based framework that improved test coverage.
- Worked closely with developers to reproduce and debug issues, ensuring timely resolution and higher product stability.

Projects

- Automated Regression Suite – Developed a Selenium-based automated test suite that reduced manual testing efforts by 50%.
- API Performance Testing – Created JMeter scripts to simulate high-load conditions and optimize API response times.