Automation SDET

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Professional summary

Results-driven SDET with of experience in software testing and automation. Proficient in creating and executing automation scripts for complex web applications using Selenium and Java. Strong knowledge of CI/CD pipelines and Agile methodologies. Passionate about improving software quality and efficiency through automation.

Education

Bachelor of Science in Computer Science

University of California, Berkeley │ 2017

Certifications

- Certified Selenium Professional – Selenium Institute │ 2019
- Java SE 8 Programmer – Oracle │ 2018

Experience

Senior Automation SDET

January 2021 - Now

Tech Solutions Inc. / San Francisco, CA

- Develop and maintain automated test scripts for web applications using Selenium and TestNG.
- Integrate test automation scripts with Jenkins for continuous integration, reducing testing time by 40%.
- Mentor junior team members on automation best practices and assist in building test frameworks.
- Conduct performance and load testing using JMeter and identified bottlenecks, improving application response time by 25%.

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May 2017 - December 2020

Innovative Tech Labs / San Jose, CA

- Implemented automated test cases for functional, regression, and smoke testing using Selenium and Java.
- Participated in sprint planning and collaborated with developers to ensure automated test coverage in the CI pipeline.
- Wrote API tests with Postman and integrated them into the CI pipeline, improving testing efficiency.
- Collaborated with QA engineers to troubleshoot and resolve test failures and environment issues.

Skills

Skill	Level
Automation Tools: Selenium, TestNG, JUnit	◆◆◆◆◆
Programming Languages: Java, Python, JavaScript	◆◆◆◆◆
Version Control: Git, GitHub	◆◆◆◆◆
CI/CD Tools: Jenkins, CircleCI	◆◆◆◆◆
Testing Frameworks: TestNG, JUnit	◆◆◆◆◆
Bug Tracking: Jira, Bugzilla	◆◆◆◆◆
Databases: SQL, MySQL, Oracle	◆◆◆◆◆
Agile Methodologies: Scrum, Kanban	◆◆◆◆◆

Projects

- E-commerce Web Application Automation. Automated end-to-end testing of an e-commerce platform using Selenium WebDriver, reducing manual testing efforts by 50%.
- CI/CD Pipeline Integration. Integrated test suites into Jenkins, creating a fully automated build and testing pipeline for a large-scale enterprise app.