
Raveal Kaur

San Francisco, United States 94506 | 510-735-7378 | ravealkaur@gmail.com

Summary

- Dedicated Senior Software Quality Engineer bringing 10+ years of experience and diligence to handle needs of large and complex products.
- Bringing expertise from fast-paced environments like Checkr and high-volume transactional settings like PayPal.
- Excellent understanding of testing DOM, HTML, CSS, JavaScript, and REACT to identify and resolve issues, ensuring efficient and effective client-side functionality.
- Strong experience writing UI/API functional, smoke, regression, and end-to-end test automation using scripting languages such as Python or Javascript.
- Proficient in designing and implementing automated tests for CI/CD pipelines using GitLab, including functional, E2E, and synthetic testing for enhanced software reliability.
- Highly skilled in implementing and maintaining automation frameworks using Cypress, Selenium, and Robot Framework, ensuring efficient and reliable testing.
- Led testing REST API using Postman, identifying vulnerabilities, security issues and ensuring robust API development.
- Skilled in identifying and mitigating security vulnerabilities, including Cross-Site Scripting (XSS) and SQL Injection, with expertise in Penetration Testing.

Skills

- Programming languages: JavaScript, Python, Java, SQL.
- Automation tools: Selenium, Burp Suite, Cypress, CI/CD, PL/SQL, Protractor, Robot framework, Nightwatch.
- Testing frameworks: JUnit, TestNG, Rspec.
- Experience with Eclipse, Jenkins, Maven, Docker, Frameworks for mocks, AWS, GCP and GitLab.

Experience

SENIOR SOFTWARE QUALITY ENGINEER | 08/2019 - Current

Checkr - San Fran, CA

- Implemented a QA process, gateway process, and CI/CD pipeline setup, and providing developers with the required tools and resources, enables automation testing to become an integral part CI/CD pipeline, ensuring efficient and high-quality software delivery.
- Collaborated on creating a Docker-based test environment, which shortened setup time by 70% and allowed parallel execution of tests.
- Conducted meticulous testing for Checkr's recommendation algorithms, contributing to a 15% boost in user engagement through enhanced personalization.
- Led cross-team communication and coordination to enhance testing efficiency, coverage, and reliability during complex migrations.
- Single-handedly oversaw team operations for QE's, including task assignment, progress monitoring, and issue resolution, resulting in improved testing efficiency by 35%.
- Successfully led the migration of the UI from Angular to React, coordinated with cross-functional teams, including development, product, and design, to plan and execute comprehensive testing and regression efforts.
- Designed and implemented automated testing solutions with Cypress, a JavaScript framework, to significantly boost testing efficiency, accuracy, and effectiveness.

- Conducted penetration tests and vulnerability assessments to identify security vulnerabilities. Utilized expertise to mitigate security vulnerabilities, including XSS and SQL Injection using Burp Suite.
- Collaborated with development teams to implement secure coding practices and ensure compliance with industry standards.

SENIOR QA AUTOMATION ENGINEER | 06/2014 - 04/2019

MOODY'S ANALYTICS - San Francisco

- Developed product test strategies, test plans and test cases, reviewed with cross functional teams, file bugs, and communicate with the team about issues, risk, and product quality.
- Put tools/processes in place to ensure when integration build breaks an existing feature, that team member is notified and the issue can be addressed immediately.
- Performed Functional/Regression testing for new builds and every modification in the application using robot framework test suite.
- Led creation of automation suite using Robot framework, java, protractor and SQL.

QA AUTOMATION ENGINEER | 04/2011 - 06/2014

PAYPAL - San Jose

- Assure the quality of the Pricing infrastructure, leading to \$181 Million USD additional profit.
- API Testing Expert with extensive experience optimizing efficiency, accuracy, response time, throughput, and scalability under varying loads to ensure robust API performance.
- Review business and technical requirements, designs and functional specs and translate them into test plans and test cases.
- Responsible for creating scripts for UAT and performing UAT with multiple internal teams and external vendors Wells Fargo, BML, STAR NETWORKS etc.
- Strong skills in backend testing using SQL queries, generating the reports to ensure the data integrity and validate the business rules.
- Surpassed a 86% code coverage goal by adding more test cases on the testing flagship project.

QA ENGINEER | 08/2010 - 03/2011

ROCHE MOLECULAR SYSTEMS - Pleasanton

- Implemented test strategies, test plan and test cases based on PRD and FDA standard requirement.
- Developed and executed Installation, Data Validation, and Firmware testing for medical device software applications.
- Supervise development of SQL-queries for database and backend testing.
- Responsible for developing and maintaining automated test cases using Java/JUnit.
- Created Test Metrics, Traceability matrix and generated weekly and monthly.

QUALITY ASSURANCE ANALYST | 07/2008 - 07/2010

DATAGUISE - Fremont

- Involved in pilot project for automation using Selenium IDE/RC.
- Worked closely with business team, development team and other cross function teams for requirement and analysis gathering.
- Responsible for creating new feature test cases and maintain regression suite.
- Developed SQL Queries for testing various Database validation.

Education and Training

PT University - Bachelor's in Computer Science

01/2009