Karan Changlani
Automation Tester/Software Developer/Support Engineer

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Professional Summary

Results-driven Selenium Automation Tester with over 2 years of experience designing, implementing, and executing automated test scripts for web applications. Over two years of experience as a software developer/support engineer. Adept at collaborating with cross-functional teams to analyze software requirements and develop comprehensive test cases, covering functional, regression, and performance testing. Proven track record of optimizing test automation processes, integrating scripts into continuous integration pipelines, and ensuring the efficient delivery of high-quality software. Proficient in Selenium WebDriver, TestNG, and various programming languages such as Java and Python. Strong troubleshooting and debugging skills, coupled with a commitment to continuous improvement and staying abreast of emerging technologies in the testing landscape. Seeking to leverage technical expertise and testing proficiency to contribute to the success of a dynamic software development team.

Education

Montclair State University   Montclair, NJ
Bachelor of Science in Computer Science

Experience

Avenue Insight Inc.   Jersey City, NJ
Selenium Automation Tester   July 2023 - Present
The project was to enable automated testing of the Risk monitoring application called Limits. Limits allow business users to input key numbers using Webform that get aggregated and compared with the threshold to identify if there is a breach or not.

- Maintained documentation of test plans, test cases and test results to ensure requirement traceability and transparency and knowledge sharing within the team.
- Collaborated with cross-functional teams to analyze software requirements and design comprehensive test cases, covering functional, regression, and performance testing.
- Conducted compatibility testing on multiple browsers and platforms to guarantee a seamless user experience.
- Developed detailed test scripts aligned with specified test cases and requirements, ensuring comprehensive coverage of functionalities and adherence to quality standards.
- Executed test scripts meticulously, validating functionality with accurate test data, and collaborated closely with the data team to ensure seamless integration of realistic and relevant datasets for comprehensive testing.
- Generated detailed defect reports and comprehensive dashboards, providing a succinct management summary that facilitated informed decision-making and prioritization of tasks in the software development lifecycle.
- Conducted triage calls to assess the validity of reported defects, collaborated with the development team to facilitate timely fixes, and rigorously retested the resolved issues to ensure the delivery of high-quality software.

Infosys Limited/CVS Pharmacy   Jersey City, NJ
Software Developer Associate/Production Support Analyst   May 2022 – June 2023
This project was for CVS Pharmacy which is a client of Infosys. The project was about monitoring and tracking critical system jobs and solving the failed jobs.

- Provided comprehensive support for critical pharmacy applications, including troubleshooting, debugging, and resolving issues to ensure uninterrupted service.
- Monitored and responded to production incidents promptly, ensuring minimal impact on CVS Pharmacy's operational processes.

- Maintained detailed documentation of application configurations, troubleshooting procedures, and incident resolutions.
- Collaborated with QA teams to test software releases and updates in a staging environment, identifying and addressing potential issues before production deployment.
- Generated regular reports on system performance, incidents, and support activities for management review.

Perpetual LLC   New York, NY
Software Developer Intern   Jan 2021 – June 2022
- Collaborated and met with Senior engineers to apply Agile development methodologies to all projects reducing technical debt and improving customer satisfaction and delivering a higher quality product overall.
- Prototype components in ReactJS/Vanilla JavaScript to clarify customer feedback and to address production issues for better user experience and reduce development time and cost.
- Documented and tested new software functionality in support of the development process for reference.

Montclair State University   Montclair, NJ
Research Assistant/Front End Developer   Oct 2019 – Dec 2020
- Developed responsive and dynamic user interfaces using React.js, ensuring optimal performance and an enhanced user experience across various devices.
- Collaborated with cross-functional teams, including UX/UI designers and backend developers, to transform design mockups into interactive and feature-rich web applications.
- Ensured cross-browser compatibility and optimized website performance by addressing and resolving issues related to rendering and load times.

Skills
Programming Languages/Frameworks: Java, Python, C/C++, HTML, CSS, JavaScript, React.js, Selenium
Test Automation: Selenium WebDriver, TestNG, JUnit
Automation Frameworks: Page Object Model (POM), TestNG, Cucumber
Continuous Integration: Jenkins
Version Control: Git
IDE's: Visual Studio Code, Sublime Text, Vim, Eclipse, pyCharm, IntelliJ