**ROSHAN BASANI**

Quality Assurance Automation Engineer

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**About Me:**

  Software Development Engineer in Test (**SDET**) with around **8 years** of experience in test automation using selenium with java in Agile & waterfall methodology. Experienced in domains like **Health care**, **Insurance**, and **Retail**. Involved in **Automation**, Functional, **Mobile** and **API testing**.

**Technical Skills:**

Selenium Web Driver**,** Junit**,** TestNG**,** JMeter**,** Cucumber**,** X-path**,** Git hub, Git bash**,** Maven POM, BDD, DD, JAVA, HTML, HPQC ALM, ELM, X-ray, JIRA, Q-Test, Zephyr Scale, Terraform, Salesforce CRM, Ready API, Postman, TestComplete, Appium, Java script, SOAP UI, AWS cloud, Lambda, RDS, EC2, Oracle SQL Developer, Oracle Xstore, MySQL, PostgreSQL, Microsoft SQL Server, SOQL**,** Jenkins, Pharmacy RX, Health care , Retail/ e-commerce.

**Work Experience:**

**Kaiser Permanente, Pleasanton, CA** **June 2020 to Present**

**Lead QA automation engineer**

**Project:** (Pharmacy /RX POS, Health care)

**Description:**

Integrating existing patient and **pharmacy** application to the new **Oracle** **X-store POS** application developed by Skill Net solutions and adding customized business features like **mobile** and **drug/prescription FDA tracking** features on base application.

**Responsibilities:**

***Automated Testing:***

* **Automated** Test cases using **Selenium Web Driver** with **java** and used **hybrid framework, BDD, Page object model** framework to test the web pages.
* Created and developed all automation scripts using **maven project** in Eclipse IDE and defined all the dependencies in **pom.xml**
* Used **Selenium Web Driver** to manage various **web page** controls like **textbox, button, dropdown, Checkbox, radio button**, labels using **XPath** and other **locators**.
* Developed, maintained, and execute automated **JAVA test scripts** for mobile/web and **Rest API** automation.
* Created mobile automation test scripts using **Appium.**
* Develop and maintain a regression test suite to ensure the stability of existing functionality.
* Used **Git hub** as **version control** and Participated in code reviews and provide valuable input to improve code quality.
* Created automated tests for Microsoft Windows using SmartBear **TestComplete**.
* Worked with **Devops** team for CICD continuous integration and delivery pipelines to ensure automated tests are seamlessly integrated using **Jenkins**.
* Web Services testing using **Rest API** to validate the XML requests with different protocols such as **HTTP** and performed **API testing using Ready API.**
* **AWS Lambda** functions, **AWS EC2** & **RDS**.
* Web Automated end to end test scripts using Microsoft **Playwright** testing library.

***Performance Testing:***

* Collaborated with performance team to designed and execute performance testing scenarios.
* Used Apache **JMeter** for load testing to analyze and report on system performance metrics and identifying areas for improvement.

***Manual Testing:***

* Extensively tested payment methods such as **Credit Cards, Debit Cards, Checks** and **Gift Cards**.
* Tested medical devices, printers, scanners, POS cash drawers, credit card scanners, IPhone, and iPad application.

***Test Case Design & management:***

* Used **JIRA** for User store and **defect tracking** and **Zephyr Scale** for all the test cases management.
* Performed sanity / smoke, SIT, regression testing for each release.
* Analyzed **Business requirements** and **solution specification** documents in confluence cloud and SharePoint to design **Test Plans, Test cases** and mapping the requirements to functionality traceability matrix.

***Collaboration and Communication:***

* Collaborated closely with cross-functional teams i.e., developers and product owners/managers to understand project requirements, Test design & Test coverage.
* Identified, documented, and reported software defects and issues, and work with **developers** and product **managers** to resolve the issues.
* Actively monitored post-release to identify any defects that leaked into Prod environment.
* Hosted **Defect Triage Meetings** & involved **daily stand-up** calls.
* Worked on **SAFe** framework with other scrum teams, Attended Scrum of Scrums to coordinate dependencies across various other scrum teams in **Agile Release train**.

**Environment:** Selenium, Junit, JMeter, JIRA, Rest API, Oracle DB, Confluence, ALM, Mobile Testing, POS, JAVA

**Amgen, Thousand Oaks, CA                                                                                           May 2019 to June 2020**

**Data quality analyst**

**Responsibilities:**

* Created & executed UI automation scripts, using **Selenium Web Driver** with **java** and used **Data Driven** framework.
* Developed customized methods to **extract data** from different databases and validate it against front end applications.
* Extensively worked on **API** testing using **Rest Assured libraries** in **JAVA** and validate the data against database.
* Developed scripts to **detect data leakage** and to monitor the **data pipeline**.
* Used **Postman** to validate the **HTTP responses** manually.
* Proficient in SQL query and testing **RDBMS** such as **SQL Server**, **Oracle**, **MySQL** for data validation.
* Evaluated the ETL mappings and other **ETL** **Processes (Data Warehouse Testing)**
* Created **JDBC** connections in java and validated user roles &data in **snowflake**
* Created scripts to monitor application **logs** and created tests to check the **streams status and tasks** in snowflake
* Analyzed the source data coming from Oracle, SQL server, **MS Access, flat files**.
* Worked with Data Warehouse team in developing **Dimensional Model**. Designed and developed **Star Schema**.
* Used **JIRA** for **User store** and **defect tracking**. Used **X-ray** for all the **test cases management**.
* Good experience using **SAFe Agile** Framework and **lean Agile** mindset.

**Environment:** UNIX Shell Scripting, SQL, Teradata 12, Oracle, MySQL, MS Access, Server, DB2, ETL, Selenium Web Driver, JAVA, Postman, JIRA, X-ray

**Kaiser Permanente, Pleasanton, CA                                                            Feb 2017 to May 2019**

**QA Engineer**

**Description:** This project intends to enhance and update the UI of financial services. Updates involving money transfer, credit & Debit &monthly payments.

**Responsibilities:**

* Used **Selenium WebDriver** to manage various web page controls like textbox, button, dropdown, Checkbox, radio button, labels using **XPath** and other **locators**.
* Performed **functional testing** to identify various critical points in the application and automated it by using Selenium WebDriver
* Used **Actions class in java** to perform **mouse operations** on web applications.
* Worked on Automation tools like **Selenium IDE/GRID, TestNG, Junit, SOAP UI**.
* **API testing**, Web driver IO and **mobile automation**.
* Proficient with testing **REST APIs, Web & Database** testing.
* Used **IBM** Engineering Lifycycle Management Management **(ELM)** for User store, defect tracking and test cases management

**Environment:** Selenium WebDriver, Ready API, JIRA, Q test, XPath, Oracle.

**Siri software solutions, Hyderabad, India                                                                         Aug 2014 to Aug 2015**

**Salesforce QA Tester**

**Responsibilities:**

* Validated **workflow rules, approval processes** and **validation rules**.
* Extensively tested **Salesforce CRM Workflows**, Approval Processes, Validation Rules, and Sharing & Security rules
* Tested at **object, field** and **record level** for different users at different levels of organization.
* Involved in **GUI, functional, system, Regression** and **E2E** testing.
* Involvement in the System Test Plan Preparation and Requirements Streaming.
* Involvement in Preparation of Test Scenarios, Cases, Test Data and **Requirements Traceability Matrix** (RTM)
* Involvement in **Test Execution, Results analyzing** and **Defect Reporting** using **IBM -ELM**.
* Involved in demoing the functionality and business flows to business and product owners
* Tested **REST API** using Robot Framework and **SOAP UI**.

**Education Details:**

* Master's in computer science (Aug 2015- Dec 2016)-SVU San Jose CA.
* Bachelors in electronic and communication (2010-2014) JNTUH.

**Certifications:**

* Certified Salesforce Admin.
* ISTQB.