**Jagrit Raj**

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**Professional Summary:**

Over 7 years of diverse experience as a Software Development Engineer in Testfor **Web-based, Mobile Apps and Client/Server applications** using **Manual and Automation testing**.Strong analytical, communication, problem-solving, decision making and organization skills and an excellent team player.

* Excellent understanding and experience of working on all the phases of **SDLC**.
* Expertise in analyzing **Business and Functional Requirement/Use Case** documents for creating test cases.
* Worked extensively on complete **Defect management life cycle** all the way from executing test cases, identifying defects, logging defects and verification of bug fixes.
* Expertise in **Manual testing** using **QTEST, ALM** and **Jira**.
* Proficient in different forms of testing like **Manual testing, Unit testing, Integration testing, Regression testing, Performance testing, and Non-functional testing**.
* Expertise in Automation testing using **Selenium, Appium, SoapUI and Postman**
* Experience in Automating web applications with Behavior Driven Development **(BDD),** Test Driven Development (**TDD),** Acceptance Test Driven Development **(ATDD)** approach.
* Used tools like **Junit, TestNG** and **Cucumber** with **Selenium Web driver**to perform Behavior Driven Development (BDD) testing.
* Experience in Using **GITLAB CI/CD** version control for **Continuous Integration and Deployment**.
* Experience in creating test data and end to end testing for different applications.
* Worked on different build tools like **Gradle**, **Maven** and **Ant**.
* Experience in using IDE like **IntelliJ** and **Eclipse**.
* Experience in **XML** and testing **API** using **SOAPUI, Ready API**and **Postman** in SOA based applications**.**
* Tested **JSON** based APIs using **Postman**.
* Experience in **writing and executing SQL queries** on databases for **backend testing.**
* Extensive experience of working on both **web-based and client-server applications**.
* Team player with excellent interpersonal and communication skills.
* Experienced in testing web applications hosted in **Microsoft Azure**.
* Demonstrated ability to self-motivate and be flexible within a fast-paced environment.
* Extensively automated **Regression and Functional** test suites by developing test cases and test suites using **Selenium WebDriver.**
* Worked with **onshore/offshore** QA Team for the Quality & Compliance group.

**Technical Skills:**

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| **Languages** | JAVA, C++, HTML/XHTML, XML, |
| **Testing Tools** | Selenium WebDriver, Selenium Grid, Appium, POSTMAN, SoapUI, Ready API, Sauce labs, Bit Bar, Perfecto-Mobile, QTEST, Cucumber |
| **IDE** | Eclipse, IntelliJ |
| **Web Debugging Tool** | XPath |
| **Databases** | SQL Server, MS Access |
| **Browsers** | Internet Explorer, Firefox, Safari, Google Chrome |
| **Test Framework** | Cucumber, Junit, TestNG |
| **Operating Systems** | Linux, Windows, Mac |

**Professional Experience:**

**United Service Automobile Association Feb 2017 – OCT 2021**

**Software Development Engineer in Test**

**Roles and Responsibilities:**

* Analyzed and reviewed Business Requirements and Functional Specificationof the client module.
* Prepared test plans and test cases to test application functionality.
* **Developed and customized** Test automation frame work using **Java, Selenium and Junit** for Web-based Application.
* **Developed** Test Automation Framework using **Appium and Bit Bar Cloud** for Native and Hybrid Mobile Application for iOS & Android.
* **Worked on** Integrating Automation Scripts with **GitLab CI/CD** for seamless Integration and Deployment.
* Worked on reporting Automated test results to **QTEST** using API call and also sending automated test report mails to Business team**.**
* Worked with **SoapUI and POSTMAN** framework for the API automation.
* Active participation in **Scrum ceremonies** such as **Sprint Planning** and **Grooming** to

determine theaccomplishment of **Definition of Ready** and determining feasibility of implementation ofacceptance criteria.

* Participated in technical communication with developers and other groups associated with specific features to define scope of work that assisted in writing better **Test Strategy** and **Test Coverage.**
* Contributed to regular status meetings to state any bugs, problems, and risks.
* Automated up to 80% of **Regression** tests which helped to reduce manual testing approximately by 20%
* Debugged issues by using **Splunk** to provide detailed information to development team which accelerated entire process of fixing defects.
* Maintained, updated existing automation projects in **GitLab** repository, triggered and verified builds from **Jenkins**.
* Worked on configuring pom.xml file as per the project using **Maven** as the build tool.
* Involved in validating the **Restful web services**and APIs related for the Message Hub Communication service through postman as well as automation.
* Developed and executed several **SQL** queries in Oracle Server as part of backend testing and involved in data validation and verifying data-integrity and to check the data flow between different Systems.
* Used **JIRA**for tracking and reporting defects, create tasks and user stories.
* Responsible for testing the application against different environments in QA staging, and production.
* Implemented test schedule, tracked defects, and assigned them to developers based on their priority.
* Verified that the Software Quality Assurance Standards are met throughout all the phases of development.

**Environment:**Java, POSTMAN, Cucumber,Appium, selenium, SoapUI,Bit-Bar, Sauce-labs, Jenkins, IntelliJ, Jira, Gradle, Splunk, Maven, POM.xml.

**United Service Automobile Association Aug 2014–Feb 2017**

**QA Automation Tester**

**Roles and Responsibilities:**

* Actively involved in **designing** and developing **test plans** and **functional test cases** from **business requirements** and conceptual documents.
* Participated in test designing and plan reviews with peers and stakeholders to determine the effectiveness of testing.
* Performed quality assurance testing inclusive of **unit, systems testing, integration testing and regression testing** to support and develop the **test automation.**
* Ensured delivery of a high-quality product meeting, checking all the requirements within the scheduled time frame.
* Automated **web-based application** using **maven** and **pom.xml** to write the automation scripts using Selenium **Webdriver** and **Java** in **eclipse**.
* Automated **UI** and **API** of the web-based application after completion of **manual testing**.
* Maintained and implemented **Page Object Model** design pattern along with **Page Factory** to separate the test script and locators.
* Extensively worked on the TestNGframework to perform **Functional testing** along with **Behavior Driven development (BDD)** framework using **Cucumber**.
* Used **SoapUI**to manually test the **web services/API** and validated the responses.
* Used **Splunk** queries to check the error logs in the testing environment.
* Used **Jira** to open bugs, create tasks and user stories, initiate change requests and as a project management tool for the agilescrum team.
* Worked on **ALM**to manage the test cases.
* Worked with **Gitlab**as a version control to manage the code flow.
* Integrated automation script with **Jenkins** for the **Continuous Integration and Continuous Development (CI/CD)** process to setup the pipeline and schedule jobs.
* Collaborated closely with the development team to analyze, debug, and resolve any application issues.

**Environment:**Java, POSTMAN, Cucumber, Appium, selenium, SoapUI,Bit-Bar, Sauce-labs, Jenkins, IntelliJ, Jira, Gradle, Splunk, Maven, POM.xml