**Venkata Aditya**

**SDET**

**(Software Development Engineer in Test)**

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**Professional Summary:**

* Around 8 years of software testing experience in various business, vast knowledge in Software Development Life Cycle (**SDLC**) stages and expert in Quality Assurance (**QA**) process & Test Methodologies
* Adept technical skills in performance testing in the domain of **Mobile, Airlines, Entertainment, Banking Industries.**
* Hands on experience in **Quality Assurance including Functional, System, Smoke, Regression**, and **Integration, User Acceptance Test (UAT)** and Compatibility Testing of Web and Client server based Applications.
* Expertise in reviewing/analyzing Software Requirements Specification documents [SRS], Business Requirement Documents [BRD], creating and developing **Test Plans, Test cases and test Scripts** and interacting with development Team.
* Expertise in Selenium automation using **Selenium WebDriver, Selenium Grid, JAVA, JUnit & Maven.**
* Having experience on **Mobile Automation** (**Android and iOS**) using **Appium**.
* Hands-on experience developing new automation frameworks using Protractor**, QTP, Selenium, JMeter**.
* Experience in both Agile and Waterfall Software Development Models.
* Expertise in **Manual Testing and Automation Testing** and **Service Oriented Architecture.**
* Expert analyzing business requirements and break into test requirements/test scenarios and acceptance conditions.
* Advance in creating Test Cases to verify complex system requirements
* Having experience on **Mobile Automation** (Android and iOS) using **Appium**.
* Experience with bug tracking tools like Quality Centre/Test Director and familiar with Clear Quest, Bugzilla.
* Experienced in **SQA (Software Quality Assurance**) including Manual and Automated testing with tools such as Selenium **RC/WebDriver/IDE/Grid, HP Quick Test Professional and Junit/TestNG, Load Runner and Junit/TestNG, Load Runner.**
* Expertise in performing different types of Testing: **Black Box Testing (Functional Testing), White Box testing, System Testing, Integration Testing, Regression Testing, Acceptance Testing, Sanity Testing, Back End Testing, GUI Testing, Adhoc Testing and API Testing (SOAP and REST).**
* Prior experience in analyzing and reporting on performance metrics and test results.
* Performed Testing of database applications developed with **Oracle, Sybase and SQL Server**.
* Worked closely with Business Analyst for Requirements Study and develop **SQL Scripts** for end - end process validation.
* Experienced in creating naming convention and maintaining **Requirement Traceability Matrix (RTM)** and **Test Assessment Reports**
* Good Understanding in Web related technology like **HTML, VBScript, ASP, JavaScript, SQL and PL/SQL.**
* Expert in reporting & tracking defects, & maintaining with high level of detail with accuracy and recreation steps using **Clear Quest**
* Extensive experience in testing Web applications and Thick Client applications.
* Experienced in Test coordination between Onsite and Offshore team.
* Worked collaboratively and cross-functionally as part of a team as well as an independently.

**TECHNICAL SKILLS:**

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| **Testing tools** | Selenium WebDriver, HP Quality Center/ALM, Junit, TestNG, JIRA, SOAP UI, QTP, Eclipse, Protractor, Manual Testing, Appium, See test, JMeter, Cucumber, Jasmine. |
| **Web Technologies** | HTML, DHTML, CSS, XML, XSD, XSL, XSLT, XPATH, AJAX, JSP, Angular JS. |
| **Defect Tracking Tools** | Quality Center (9, 10, 11.0), Jira, Team Foundation Server (TFS 2008, 2010, 2012), Rational Clear quest. |
| **Other Tools** | Atlassian Jira 4.0, HP-Mercury Quality Center, Quick Test Professional, SVN, VSS, Deep Trawl, Firebug, RoboFormTeamsite. |
| **Databases** | SQL,PL/SQL, NoSQL, Oracle, , MySQL, DB2. |
| **Languages** | Java, C#, SQL, PL/SQL, Python. |
| **Script Languages** | VB Script, Java Script, UNIX Basics |
| **Project Management** | Microsoft Project, Microsoft Office (Word, Excel), Microsoft PowerPoint, MS Access, Agile & Waterfall. |
| **Browsers** | Internet Explorer, Firefox, Chrome & Safari, Opera |
| **Operating Systems** | Windows XP, 7, 8 & server 2003, UNIX and Mac. |

**Professional Experience:**

**Charles Schwab, Austin, TX Feb 2022-Present**

**SDET(Mobile and Web)**

**Responsibilities:**

* Expertise in performing **manual** testing (**emulators & IOS Simulators**) & **Mobile Application**, Testing using Appium.
* Implemented simulator for Mobile App Testing in **Android Platform** using **Appium**.
* Develop test scripts using Core java and Test NG test cases using IntelliJ IDE.
* Review business requirements and technical specification documents and analyzed use cases, functional requirements to create detailed Test cases.
* Work with developers and analysts to define test scenarios and ensure that test requirements are correct and complete.
* Responsible for creating and maintaining automation acceptance test suite using Selenium.
* Involve in setting up configuring the testing environment with Eclipse, Selenium WebDriver.
* Responsible for fixing and maintaining regression automation test scripts for end-to-end testing using Selenium WebDriver using Java.
* Commit the automated test code into CI (Continuous Integration) and monitored the test execution in Jenkins once the code pushed into CI.
* Integrate Automation scripts in Continuous Integration tools (Jenkins) for nightly batch run of the Script.
* Use web-debugging tools like XPath, Firebug and Fire path to locate elements.
* Test backend database by writing complex SQL Queries.
* Involve in automation of backend microservices (REST API) using RestAssured.
* Report software defects in JIRA and interacted with the developers to resolve technical issues.
* Perform Smoke Testing after deployment and performed one round of SIT(Manual) for every release.
* Prepare the data to cover various scenarios and write SQL scripts to verify the database updates, inserts and deletion of the records.
* Participate in Peer reviews of automated test cases and Test Plan for the team member.
* Participate in daily Stand Up call, defect triage meetings.

**Environment:** Java, Selenium WebDriver, Test NG, RestAssured, REST API, Web Services, Maven, Eclipse IDE, JIRA, SQL, XML, Jenkins, MySQL, CICD, Agile.

**Vida Health Care, San Francisco. March 2020 -Jan 2022**

**Job Role: SDET**

**Responsibilities:**

* Prepared **Test Plans, Test Scripts and Test Cases** based on functional specifications and user requirements.
* Developed and maintained **automated regression test cases** in **Selenium WebDriver using Java programming language and Junit Framework**.
* Performed Data driven testing using **Selenium WebDriver, Junit functions and JDBC Connections** which reads data from scripts using property and XML files.
* Developed test code in Java language using **Eclipse IDE and Junit** framework.
* Used **Java** language and **Junit** framework for scripting.
* Used **Ant** for building the WebDriver project. Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Implemented Page Object Model Automation framework with **Java, Selenium WebDriver** and **Cucumber.**
* Involved in integrating the test suites to **Jenkins** to execute them automatically after every successful deployment.
* Designed test cases based on the use-cases and the complex business logic defined for each **web-service or a message.**
* Executing the test plans on **web** and **mobile** (Apple & Android) as per requirements.
* Experienced in load and performance testing tool **JMeter**.
* Designed and Developed **UAT Regression** automation script and Automation of functional **testing framework** for all modules using **Selenium and WebDriver**.
* Created the test data and request for the test data dependent with the other applications to be used in the testing activities for the current release.
* Created Data Driven scripts for adding multiple customers, checking online accounts, user interface validations, reports management, etc.
* Used **XPath** and **DOM** to work with dynamic and static objects in Selenium.
* Utilized various test tools for automation of test cases Generate test reports and **performed extensive Web Services testing using SOAP UI.**
* Used **SOAP UI tool** to test SOA based architecture application to test **SOAP services** and **REST API.**
* Performed **Smoke, Functionality, Integration, System, Regression tests** based on Analysis, and understanding of the requirements, non-functional specifications, and end-user needs.
* Prepared **test cases, test data and test responsibility matrices** for the application under test.
* Executed Test Cases recorded in **HP Quality Center** manually to test the application for its functionality, system integration and verify the Exit Criteria.
* Used **Git** as code repository and **Code Collaborator** to manage code reviews.
* As part of compatibility testing, executed the workflow manager web application related test cases on different browsers different Operating Systems.
* Implemented and worked on **Acceptance Test Driven Development** **(ATDD)** **agile** methodologies completing releases ahead of schedule.
* Performed **Back-End Testing, database table manipulations** of relational database systems by writing complex **SQL queries manually**.

Actively participated in walk-through, inspection, review and user group meetings for quality assurance with BAs, SMEs and Developers

**Environment:** Selenium WebDriver, Jenkins, Cucumber, SOAP UI, Maven, Appium (Android & IOS), TestNG, Quality Center, Microsoft Test Manager (MTM), Team Foundation Server (TFS), Internet of Things (IOT), Firepath, Firebug, Eclipse, XPATH, Java, HTML, CSS, TDD, Android, SQL, Oracle and Windows, JMeter.

**MUFG Union Bank, Los Angeles, CA Feb 2019-March 2020**

**Role: QA Automation Test Engineer**

**Responsibilities:**

* Creating a scalable framework for the **IVR applications** to function for the changes in holidays and requirements of the business with publishing messages.
* Preparation and execution of Automation Test Scripts and Test Suites with Selenium WebDriver using Test NG, Maven and Java.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using **Selenium Grid** and **Hudson/Jenkins.**
* Performed various testing activities like **GUI testing**, **functional testing**, **browser compatibility testing,** **regression testing**.
* Developed test code in Java language using **Eclipse, IDE** and **TestNG** framework.
* Developed Test Frameworks in **Selenium** for UI Regression Test Automation and when necessary, and potentially execute Unit Test Automation (Java /TestNG).
* Configured **Selenium WebDriver, TestNG, Maven tool** and created **Selenium automation scripts** in **java** using **Junit** prior to agile release.
* Executing the test plans on **web** and **mobile** (Apple & Android) as per requirements.
* Experienced in load and performance testing tool **JMeter**.
* Experienced in verifying the **IOT** gadgets whether they are able to register to the network.
* The entire **Ruby** scripting done using **Cucumber** **Framework** Wrote and executed **SQL queries** to verify the data updates to various tables and ensure data integrity.
* Used **Jenkins** as continuous integration server to run automated test suites.
* Used web-debugging tools like **XPath, Firebug** and **Firepath** to locate elements.
* Tested compatibility of application for dynamic and static content under various cross browsers using **HTML ids** and **XPATH** in **Selenium.**
* Performed Regression testing for new builds and every modification in the application using **Selenium.**
* Used **SeleniumWebDriver** to run test cases in multiple browsers and Platforms.
* Performed data driven testing by using JDBC as a data source in **SOAP UI** and configured **SQL queries** to fetch data from the **Oracle database**.
* Tested the various **Service Oriented Architectures (SOA)** spanning across various web services using **SOAP** and WSDL across various applications using **SOAP UI.**
* Reported software defects in **Quality Center** and interacted with the developers to resolve technical issues.
* Analyzed test results, tracked the defects and generated reports using **Quality Center**.
* Involved in designing and building automation frameworks in support of continuous integration in **a Test driven development (TDD).**
* Performed **Smoke Testing to make sure all the Test Channels and Test Environment** is working as desired.
* Prepared the data to cover various scenarios and wrote **SQL scripts to verify the database updates**, inserts and deletion of the records.
* Maintained Metrics and participated in the Weekly Status Updates showing the progress of the testing effort and open issues to be resolved.

**Environments:** Selenium WebDriver, Jenkins, Cucumber, SOAP UI, JMeter, Ant, Microsoft Test Manager (MTM), Team Foundation Server (TFS), IOT, Junit, Quality Center, Eclipse, XPATH, Java, HTML, CSS, agile, GIT, SQL, Android, Oracle and Windows.

**Client:AT&T, Los Angeles, CA**

 **June 2016-Jan 2019**

**Role: QA Automation Test Engineer**

**Responsibilities:**

* Run the **Automated Regression suite and analyzed results and file bugs**
* Helped in preparation of test plans in accordance with the business requirements.
* Developed and Executed **Automation** and **Manual test cases** for Functional testing of various modules of the application.
* Project is developed using **agile methodology**.
* Analyzed and reviewed Story Boards to gain overall understanding of the functionality of the application.
* Written and executed functional test plans for manual testing.
* Performed functional testing using selenium and **API** automation frameworks with **REST** assured.
* Responsible for assuring the mobile navigation and Video **mobile treaming** application testing on both meet and work per design specifications across multiple platforms including Windows Mobile and Android.
* Gathered and reviewed **Business Requirement** (**BRD**), **System Requirement Specification** (**SRS**), Details
* Technical Papers, Software Design Document and communicated with development Team
* Prepared System & **UAT Test Cases** and executed using **HP's Quality Center** (test management Tool)
* Performed System, Manual, Functional, Regression, Integration, Boundary (Negative & Positive),
* Compatibility, Installation, **GUI, UAT, Cross-browser, End-to-End testing**
* Performed Peer Reviewed of Project documentations and other technical documentations to ensure **QA** processes are complaint
* Analyzed software requirements specifications and created test scenarios.
* Provided technical assistance for feature, **functional and regression testing.**
* Suggested and automated new features for external websites.
* Implemented bugs reporting and assisted in project meetings.
* Executed reporting of email notifications utilizing **VSTS**.
* Responsible for creating automation scripts by using **QTP with Data driven testing framework**.
* Enhanced the automation test scripts with checkpoints, Synchronization points, Regular expressions and output values.
* Developed Data Driven Tests using **SOAP UI** and automated functional testing.
* Involved in User Acceptance Testing (**UAT**) of the application.

**Environment:** Java, Selenium RC, Selenium IDE, Firebug, SQL, iOS, Mobile Testing, HP Quality Center, Oracle10g and Windows.

**Educational Qualifications**

Masters in Computer Science from OCU,2016, Oklahoma, USA.