**Sai Ram Reddy**

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**Professional Summary:**

* Over 6 years of experience Test Automation Engineer/QA Engineer/testing in the areas of Web based, Client-Server applications using Manual and Automation testing techniques. Well versed in Automation testing techniques and methodologies.
* Experience in **Software Development Life Cycle** and **QA Life Cycle**like **Agile** (Scrum), **Waterfall** and V-model.
* In-depth knowledge in using Software Management Tools such as HP ALM/Quality Center, and HP **QTP/UFT.**
* Proficient in using test automation tools such as **Selenium WebDriver/RC/IDE/Grid**, **QTPand Mercury Quality Center** to develop automation testing scripts for web and client server applications.
* Expertise in using **UFT**and integrating ALM **and UFT** (**Unified Functional Testing).**
* Experienced in performing Back end testing by executing complex SQL queries for validating the data in the back end database tables.
* Experience in Selenium WebDriver, Test NG, QTP, JMeter and Load Runner performance tools.
* Involved in **XML** and XML schema validation with XSLT, CSS and XSD.
* **Used SOAPUI** for **WSDL Validation**. Used different **Assertions** for validating responses.
* Extensively made use of **Property Transfer** and **Data Driven** in **SOAPUI.**
* Experience in working with Build Systems like **Ant**, **Maven** and continuous integration systems like **Jenkins, Hudson,Team City**, and **Cruise Control.**
* Expertise in creating Architectural Design of Framework for automation suite, which involves data, library and core classes using QTP/UFT.
* Expertise in Automation tool (QTP/UFT) and **selenium IDE**.
* Experienced in Recovery Scenarios **for QTP/UFT** using VB Script.
* Sound knowledge on **Junit**, **TestNG** framework for **Unit testing**, **Maven** and **Ant** for Project **building tool**, **Jenkins/Hudson** for **Continuous Integration**.
* Vast experience in ALM and VersionOne.
* Expertise in designing Automation Frameworks like **TDD and BDD.**
* Expertise in writing**Test strategy, Test Plan Preparation**and Implementation of**Test Case** Design, Test Tool usage, Test execution, Defect Management and Defect Tracking.
* Excellent knowledge in writing unique **XPath** using **firebug and fire path** to identify **web elements.**
* Working experience with defect tracking tools like **Clear Quest, Jira, and Test Director/Quality Center (QC) and Team Foundation Server.**
* Experience programming in **Java**, **Python**, **JavaScript**, **HTML**, **XML** and **SQL** on Windows XP, Vista Operating Systems and **UNIX** environments.
* Extensively worked on various Testing types such as **Integration**, System, **Functional**, **Regression, Sanity, Smoke**, User-interface (GUI), **Data base** and**User Acceptance Testing** (UAT), **Performance Testing**.
* Well-developed Interpersonal and Communication skills with excellent Documentation and Presentation skills. Good team player with ability to grasp new concepts quickly and implement them in a productive manner.
* Expertise in performing **manual testing**&**Mobile Application** Testing using **Appium**.

**Technical Skills:**

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| **Testing tools** | Selenium WebDriver, HP QC/ALM, Junit, TestNG, JIRA, SOAP UI, QTP, Eclipse, Protractor, Manual Testing, Appium (Android Testing), JMeter, Cucumber, VS Online, HP Load Runner |
| **Web Technologies** | HTML, DHTML, CSS, XML, XSD, XSL, XSLT, XPATH, AJAX, JSP. |
| **Defect Tracking Tools** | Quality Center, Jira, Team Foundation Server (TFS), Rational Clear quest. |
| **Languages** | C, C++, Java, C#, SQL, PL/SQL, Python, UML. |
| **Project Management** | Microsoft Project, Microsoft Office (Word, Excel), Microsoft PowerPoint, MS Access, Agile & Waterfall |
| **Browsers** | Internet Explorer, Firefox, Chrome & Safari |
| **Operating Systems** | Windows XP, 7, 8 & server 2003, UNIX and Linux |
| **Mobile Manual Testing** | Android, iOS. |
| **Scripting Languages** | VB Script, Java Script, UNIX Basics |
| **Other Tools** | SVN, VSS, Deep Trawl, Firebug, Roboform Teamsite, Jenkins. |

**Work Experience**

**Client: JDA Software Scottsdale, AZ April 2016 – Till Date**

**Role – Test Automation Engineer**

**Responsibilities:**

* Preparation System Test Plan, Requirement Traceability Matrix and System Test Scripts.
* Develop Automation test scripts using **selenium.**
* Performed Manual and automated testing for client/server and n-tire web-based applications using Mercury/HP tools such as Load runner and Quick Test Pro.
* Involved in implementation of Test Automation Framework build using **Selenium WebDriver**, **protractor** to handle Angular JS, **TestNG** and **Maven** technologies under Java platform utilizing industry leading harness design patterns and approaches.
* Involved in defect review, checkpoint and root cause analysis meetings.
* Involved in System, **Functional**, End-to-End, **Regression, Integration**, UAT, **Black Box**, Ad-hoc, Risk based, Usability testing and retesting.
* Created scenario to check the response time using Load Runner.
* Supported Performance tester with the Performance and Load testing using LoadRunner
* Created an automation framework in BPT framework using descriptive programming in **HP UFT.**
* Used **Jenkins** as continuous integration server to run automated test suites.
* Attend the regular client call and discuss weekly status with the client.UAT and Production support
* Created libraries in **UFT**/**VB Script** to call from test script.
* Provided testing Status Reports to management, BA, and Dev. teams.
* Experience in **Selenium IDE** (**HTML, Python, Junit, C# scripting methods**)
* Responsible for updating the Test Metrics every day to evaluate the project status.
* Prepared Defect report and test summary Report.
* Experienced in load and performance testing tool **JMeter**.
* Used **SQL** queries to access the database for Back-end testing.
* 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.
* Updated existing test cases and wrote new test cases as per the requirement.
* Used **Quality Center** for test case management, **defect tracking**, and **defect reporting**.
* Prepared Requirement Traceability Matrix document to map the requirements to test cases.
* Supporting the lead in terms of Review of Test Cases and Business scenarios.
* Training for end user.

**Environment**: Share Point**, TestNG***,* Java, J2EE, Web logic App Server,**Selenium IDE**, **Selenium Web Driver**, Jenkins, Eclipse, Firebug, Firepath, XPATH, Android, JMeter, Quality Center, ALM , MS Office and **Oracle.**

**Client: Aspire Software Solutions – IN Oct 2014 – Feb 2016**

**Role – Test Automation Engineer**

**Responsibilities:**

* Created LoadRunner Scenario utilized user scripts into real Performance Test, utilized different Load Runner monitoring tools, identified bottlenecks and analyzed the performance of Application Server and Database Server.
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application's GUI and in the testing environment using **Selenium Web Driver**, **TestNG** and **Jenkins**.
* Create several Test Scripts using**UFT (Unified Functional Testing)** to create Data Driven Tests, Batch Tests and performed exception handling.
* Developed and maintained **automated regression test cases** in **Selenium Web Driver using Java programming language and Junit Framework**.
* Test Case creation using **Descriptive Programming** in Automation tool **Quick Test Pro** checked the functionality of the application.
* Reviewed test plans, test cases and test scripts to ensure consistency with strategic direction, goals and objectives of QA resources working on the project with **AgileSCRUM** methodology.
* Create Regression suite for various Test Scenarios; tested and executed the suite whenever a code was changed using **UFT.**
* Involved in UAT and test management using Quality Center (QC)
* Develop a Keyword Driven Automation Framework in **UFT (Unified Functional Testing).**
* Worked as automated tester and Analyzed Business and Functional requirements of the application and worked with Business users to understand project requirements and to figure out the scope of test strategy.
* Prepared test script - typical customer web activity transformed into HP Load Runner script
* Created **Recovery Files using Recovery Scenario Manager** associated the recovery scenarios to tests to instruct QTP with specified trigger action on unexpected event.
* Performed **Smoke, Functionality, Integration, System, Regression tests** based on Analysis, and understanding of the requirements.
* Participated in peer reviews of functional specification, application previews, and test plans/test cases.
* Responsible for entering, Tracking bugs in **Quality Center/ ALM** to resolve bugs. Involved in verification of fixed bugs using and generated weekly quality progress reports
* **Used SOAPUI** for **WSDL Validation**. Used different **Assertions** for validating responses
* Extensively made use of **Property Transfer** and **Data Driven** in **SOAPUI**
* Prepared and maintained various testing results for defect tracking and modification in software.
* Maintained the automation scripts for enhancements and modifications to perform regression testing.

**Environment: Java**, Junit,**QTP** , HP quality center , SoapUI , Web logic server, UNIX, **XML**, **HTML**, SQL, **UFT scripts,** **Selenium Web Driver**, Jenkins, **Cucumber**, , SOAP UI, JMeter, Eclipse, XPATH, Java, Windows.

**Rent-A-Center - Plano, TX July 2013 – Sept 2014**

**Role: QTP/ Automation Engineer**

**Responsibilities**

* Created and executed detailed test cases with step by step procedure and expected results and maintained the **test logs**, **test reports**, test issues, defect tracking using **Quality Center**.
* Created automation test scripts to test all end-to-end components -- legacy mainframe, Web and upgrade.
* Developed and executed Non-functional testing such as performance, load, stress, stability, and security testing using Load Runner.
* Used Quick Test Professional (**QTP**) for regression testing and running the automation suite.
* Responsible for software QA and analysis, with emphasis on performance testing and functional decomposition of web-based (**SOA**) and legacy systems architecture.
* Develop and implement load and stress tests with **LoadRunner**, and present performance statistics to application teams, and provide recommendations on how and where performance can be improved.
* Worked with automation testing team to develop UFT framework, identifying the functional areas to be automated and created different functions to make the scripts reusable in Quick Test Professional.
* Customized the QTP test as per the test Case by using the **VB-Script**.
* Executed SQL queries to verify the database for the relevant test cases.
* Experience in creating complex SQL queries based on the EAD provided.
* Involved to write test clients to test the **UNIX/Linux** functionalities in the language like Java and Shell Scripting.
* Worked closely with the QA Lead in co-ordination and Implementation of the QA methodologies/QA processed and generating Test Scenarios.
* Participated in Integration, System, Smoke and User Acceptance Testing and production testing using **QTP** .
* Involved in the compatibility testing of the application with different browsers and Operating Systems.
* Proven experience preparing and executing Application Test Plans, Test Scripts/Cases and documenting the results.
* Ability to troubleshoot results other than expected case results and communicate with internal and external developers to identify cause as well as potential solutions based upon documented business requirement.

**Environment:** Toad, PL/SQL, XML, **UNIX**, Quality Center 9.0, Weblogicserver, SQL Server ,Windows 2003/XP, VS.Net , ASP.Net, **VB.Net**, SQL Server , T-SQL, CSS and **HTML**, **QTP**, LoadRunner.

**Client: Spectrum VoIP, Irving, TX Feb 2012 – June 2013**

**Role: QA Automation Tester**

**Responsibilities:**

* Analyzed the user requirements, functional specifications and used Case documents for Functional testing.
* Worked in the **agile** environment with frequently changing requirements and features set.
* Prepared **Test Plans, Test Scripts and Test Cases** based on functional specifications and user requirements.
* Involved in weekly walkthroughs and inspection meetings, to verify the status of the testing effort and the project as a whole.
* Used **Java** language and **Junit** framework for scripting.
* Involved in integrating the test suites to **Jenkins** to execute them automatically after every successful deployment.
* Automated functional scenarios using **Selenium IDE** and **RC.**
* Coordinated with developers and record defects in **JIRA** to track until they are resolved.
* Effectively participated in every day **agile scrum** stand-up meetings and participated in Iteration planning and retrospective meetings.
* Maintained **Test Matrix** and **Project Matrix** using an excel sheet to keep track of the Project's schedule and status.
* Performed **Back-End Testing, database table manipulations** of relational database systems by writing complex **SQL queries manually**.
* Prepared the data to cover various scenarios and wrote **SQL scripts to verify the database updates**, inserts and deletion of the records.
* Involved in designing and building automation frameworks in support of continuous integration in a test driven development (TDD).
* Used HP **Quality Center** to report defects and test results.
* Involved in weekly walkthroughs and inspection meetings, to verify the status of the testing effort and the project as a whole.

**Environment:**Selenium RC,**Selenium IDE**Java, **Quality Center** Junit, SQL, DHTML, Jira, VBScript, HTML, **Jenkins**, MSWord, MS Excel, UNIX, Windows

[**EarthLED.com**](http://www.inc.com/profile/earthledcom)**, Golden, CO Feb 2011 – Nov 2011**

**Role – QA/ Mobile Tester**

**Responsibilities:**

* Worked with Business team to understand the business process, identify gap in requirements, identify bottlenecks
* Performed Mobile Testing in iOS devices and android devices.
* Identified the Test Cases and documented them in Rally.
* Configured the testing environment with Eclipse, JUNIT.
* Final QA Binder (Test Summary Report, Traceability Matrix, Metrics).
* Monitored the test execution in Jenkins once the code pushed into Continuous Integration.
* Used Maven for building the Web Driver project. Integrated with Continuous Integration tools Jenkins for running test on nightly basis automatically.
* Used Maven for build and reporting. Automated builds using Subversion and Jenkins.
* Demo and Training provided for the customer (ST, UAT and operation teams).
* Bridging as a business analyst between the development and the testing team.
* Exhaustive System, regression and Performance testing.
* Performance testing using JMeter tool.
* Manually manipulate data directly from SQL Server database using MYSQL.
* Responsible for validating the Process flow by writing and executing SQL queries and stored procedures using Oracle **PL/SQL** developer.
* Used Rally to store all testing results, metrics, implemented Test plan Document, created Test Cases, Defect Tracking & Reporting.
* Analyzing Functional Specification document and preparation of Test Scenarios, Test script andTraceability Matrix
* Experience in writing **Python Scripts** and **UNIX Shell-Scripts**
* Resource Planning, Estimation and Scheduling.

**Environment:Selenium WebDriver**,  Rally, SQL, HTML, MS Office, Jira, Microsoft Excel,QT, **MYSQL**,**UAT**, Eclipse, **Python Script**, UNIX, Maven,Jenkins, JMeter.