**Name: Srujan**

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**Sr.Automation Developer**

**Professional Summary:**

* Over 8+ years of experience in Software testing, **Software Quality Analysis** of Web, Windows, Web Services,Client/Serverapplications and databases in Finance, Healthcare & Media Industries.
* Experience in all stages of the **Software Development Life Cycle** and **QA Life Cycle** andin all dimensions of Functionality, Usability & Reliability.
* Proficient in using test automation tools such as **Selenium WebDriver/RC/IDE/Grid**, **QTP** **and Mercury Quality Center** to develop automation testing scripts for web and client server applications.
* Good experience in mobile testing using **APPIUM** in both IOS and Android applications using simulator and emulator.
* Sound knowledge on **Junit**, **TestNG** framework for **Unit testing**, **Maven** and **Ant** for Project **building tool**, **Jenkins/Hudson** for **Continuous Integration**.
* Knowledge of Automation Tool like Selenium, protractor.
* Good experience on **Selenium Automation** using **WebDriver and Server**. Heavy programming using **Java, Junit, TestNG**.
* Expertise in functional testing AUT using **Selenium IDE** and **Selenium** **WebDriver** using **Junit/TestNG** testing framework.
* Experience in working with Build Systems like **Ant**, **Maven** and continuous integration systems like **Jenkins, Hudson,** **Team City**, and **Cruise Control.**
* Good experience in Web Services testing using **SOAP UI,** **XML** and WSDL; and in providing required input data to request **XML** & get the required data from response **XML** & use the response data from other request **XML** using **SOAP UI.**
* Experienced in load and performance testing tool **JMeter**.
* Extensive experience in designing **Test Cases, Test Scenarios, Test Scripts** and **Test reports** of manual and automated tests.
* Experience in unit testing, functional testing, user acceptance testing, integration testing, system testing, performance testing, sanity testing, exception testing, compatibility testing & security testing of client/server and web-based applications.
* Excellent knowledge in writing unique **XPath** using **firebug and fire path** to identify **web elements.**
* Experienced in providing the efficient locators strategy like **XPath and CSS to run WebDriver script** in stable condition.
* 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.
* Expertise in performing the Functional Testing, Regression Testing, Integration Testing for the apps on different platform like Android, Java, BREW
* Expertise in performing **manual testing** & **Mobile Application** Testing using **Appium**.
* Expertise of testing the application developed using various mobile technologies including J2ME, Blackberry, Android, Symbian, .Net Technology etc.
* Experience in both **Waterfall** and **Agile** project environment.
* Extensive experience with Visual Source Safe and Microsoft Office tools (MS-Word, PowerPoint, Excel and Access).
* Proficient in testing database of applications developed with **SQL Server**, **Oracle** and MS Access.
* Strong in writing **SQL queries** to perform backend data validations.
* Have built a test automation framework based on Page Object Model, TestNG and Selenium Webdriver.
* Excellent experience with source version control tools such as Subversion (SVN) & Git.
* **Excellent interpersonal skills**, proven team player with an analytical bent to problem solving and delivering under high stress environment.
* **Good analytical and communication skills** and ability to work independently with minimal supervision and also perform as part of a team.

**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 (Android Testing), Jmeter |
| **Web Technologies** | HTML, DHTML, CSS, XML, XSD, XSL, XSLT, XPATH, AJAX, JSP. |
| **Defect Tracking Tools** | Quality Center (9, 10, 11.0), Jira, Team Foundation Server (TFS 2008, 2010, 2012), 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, 8,10 & server 2003, UNIX and Linux |
| **Mobile Manual Testing** | Android, iOS. |

# Professional Experience:

**Client: GNS Healthcare, Cambridge, MA Dec 2015- Present**

**Role: Senior Selenium Engineer/Web service Tester.**

**Project Description:**

Provides health care plans in certain states. This online portal allows members and brokers to look for information about health care plans. Members can enroll into insurance plan using online portal. It has payment module, report module etc. This web portal allows members to view the claims, change doctor and add new services. Members can subscribe to offers that are provided by partners.

**Responsibilities:**

* Followed **Agile Methodologies**,**Scrum meetings** and **Software Quality Audits** for all the Phases of **SDLC.**
* Implemented **Selenium WebDriver and** automated, executed scripts on different browser and different platform using **Python**
* Perform **Functional,Integration,Regression,Smoke,White/Black box,User Acceptance Testing (UAT), and End-to-End Testing.**
* Created and maintained a list of white-box scripts failed during regression, approved, debugged and fixed.
* Automated scripts using Selenium WebDriver, **Selenium GridMaven**.
* Extensively automated regression and functional test suites by developing over 206 test cases, 8 test suites using Selenium WebDriver with Python.
* Validated web services **Automation** using SOAPUI.
* Experience in Simulating **Mobile** **Application** **Testing** with **APPIUM** for Android Platform and IOS Simulator for IOS platform
* Used Android **SDK** in **Android Studio** for establishing emulator in Android devices.
* **UI** **Automator** Viewer for recording screens and finding elements of the mobile screens.
* Preparing test estimation of SOA Testing Activities for the Web services.
* Involved in system Testing,system integration testing,Business layer testing of **POS** App’s.
* Performed normal and abnormal scenarios of **POS** Applications and Business transaction flow tests,Regression Testing, Performance Testing.
* Responsible for **UAT** project planning like creating test scenario, test plans, and test scripts.
* Conceptualized, designed, and implemented automated functional API test cases using **SOAtest,** and **SoapUI**.
* Involved in data analysis of **HL7** to transfer clinical and administrative data between software applications.
* Used TFS to report bugs and to maintain product backlog items.
* Proficient in using Test Management tool **HP Quality Center/Rally,ALM for** Test Planning, Test Designing, Test strategy,Traceability matrix,Test Execution, Defect Tracking and Reporting.
* Wrote **VBScripts** for Functional and Regression Testing.
* Identified possible constraints of pending claims, related to Claim Authorization Mismatch.
* Used **Git and Stash** to re-modify files and for software development.
* Developed **Data Driven framework** totest several web pages.
* Preparing test estimation of **SOA** testing activities for the Web services.
* Responsible for creating automation framework using **POM-** Page Object Model, and **Data Driven** framework to test web application.
* Developed **Keyword driven framework** to identify a set of Keywords and then associate an action (or function) with each of these keywords**.**
* Performed functional testing to identify various critical points in the Application and Automated it by using **Selenium WebDriver.**
* Conducted **Keyword driven, cross-browser testing, parallel test execution**.
* Automated Testing of web based applications using **QTP(Quick Test Pro).**
* Created and maintained server-side integration tests - **Python, JSON** documents,running with every build with Git.
* Log defects using **ALM,Jira** application and communicate the defect status updates to the responsible analysis and implementation teams.
* Involved in creation of automation framework in **Selenium WebDriver.**
* 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 **White Box/Black Box testing** using for Web Services testing. Performed **REST API** testing using **SOAPUI** and **Back-End Testing** database table manipulations of relational database systems by writing complex SQLqueries manually
* Configured **Selenium Grid** to execute the Scripts parallelly on different browsers.

**Environment:** Selenium Quality Center/ALM,JIRA,ROI,VBScript,TFS**,**SQL Server 2008,Linux, Microsoft Windows, UNIX/shell,Visual studio**,** XML, Building Center, XSD, XPath, MQ, Topics, HTTP, JSON.

# Client: CREDIT Solutions, Richardson, TX Dec 14- Nov 15

**Role: Sr. Test Automation Engineer (Selenium).**

**Project Description**:

Credit Solutions is dedicated to understanding the goals of our clientele and delivering the highest level of customer satisfaction. We will continue to offer new and innovative ways to work with clients in order to obtain better credit scores.

**Responsibilities:**

* Responsible for preparation of Test cycle/progress reports, analysis of defect metrics & implement improvement actions for next iterations
* Performed different testing task using various test scripts on **Selenium WebDriver** and **TestNG**
* Responsible for fixing and maintaining regression automation test scripts for end to end testing using Selenium WebDriver (using Java)
* Implemented mobile automation framework using **APPIUM.**
* Implemented **Appium Scripts** to test IOS and Android platforms.
* Expertise in using **UIAutomator** viewer in Appium to inspect elements in mobile applications
* Developed test code in Java language using Eclipse, IDE and **TestNG** framework.
* Involved in designing and implementing of hybrid automation framework to be used with Selenium WebDriver.
* Used Selenium WebDriver and **TestNG** to run the parallel testing.
* Designed and executed the Automation Test Scripts using Selenium WebDriver and TestNG
* Wrote Ant build scripts to automate the compilation and execution of TestNG test cases/suites
* Used Java language and TestNG framework for scripting. Used TestNG for building the WebDriver project. Integrated with Continuous Integration tools Jenkins for running test on nightly basis automatically.
* Integrated Automation scripts (**Selenium WebDriver API**) in Continuous Integration tools **(Jenkins**) for nightly batch run of the Script
* Responsible for developing Performance Testing Plan and Performance Testing strategy based on the business specifications requirements and user requirements.
* Expertise in designing, developing and executing customized Performance tests in Load Runner
* Used Git as code repository and Code Collaborator to manage code reviews.
* Involved in implementing **BDD framework** using Cucumber.
* Created step definition and feature files using Gherkin (**Cucumber**).
* Implemented **Junit** test runner class to call test cases in Cucumber.
* Used Jira for defect reporting and tracking
* Used Selenium WebDriver API to write **automation script**
* Designed and Developed **UAT** Regression automation script and Automation of functional testing framework for all modules using Selenium and WebDriver.
* Performed Data driven testing using Selenium WebDriver, Junit functions and **JDBC** Connections which reads data from scripts using property and XML files.
* Responsible creating the functional testing framework using **TestNG** and using Selenium WebDriver to automate the UI components.
* Used Selenium WebDriver used to test search results of Meta search engine.
* Involved in Web Services Testing using **SOAP UI**.
* 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.
* Used **Jira** for defect reporting and tracking
* Data Validation and testing using **SQL** with **Oracle** and **Toad**
* Closely involved with development team, maintenance team and business team regarding changing requirements, builds and releases.

**Environment**: Java, Selenium WebDriver, Jenkins, Git, TestNG, Maven, Jira, **SOAP UI**, **XPath**, Eclipse, XML, DHTML, SQL, Oracle, Windows, Load runner.

**Client: Battery Plus, Addison, TX Feb 14- Nov 14**

**Role: Quality Assurance Analyst.**

**Project Description:**

Batteries plus Bulbs is an American specialty retail chain of several hundred franchise outlets, Batteries Plus that sells and recycles batteries of varying size and voltage that provide power to operate consumer electronics, watches, cell phones, digital cameras, automobiles and other devices that require DC power.   
  **Responsibilities:**

* Analyzed business requirements, Functional Specifications and Use Cases, prepared Test Strategy and Test plan.
* Implemented automation using **Selenium Web Driver, JAVA**, **Selenium Grid, Cucumber**, and Maven.
* Implemented Page Objects framework, Hybrid **framework** and 21 Page classes from scratch to represent web pages.
* Developed **BDD** tests using Cucumber by writing behaviors and step definitions and also developed required Selenium support code in **JAVA** for **Cucumber.**
* Developed automation test scripts using Selenium Web driver and Java.
* Followed the organization's standard documentation format for developing test plan, test cases, test data, generated test report.
* Used **Selenium Grid**, **JUnit** test scripts to run automated test cases in parallel on 5environments.
* Created automated scenarios, framework using Selenium for regression testing.
* Interacted with designers and developers to understand the application functionality and navigational flow.
* Provide all data validation through **SQL** queries **UNIX/Linux** commands to perform Back-end testing.
* Prepared **Test cases** to meet the requirements and its traceability matrix.
* Performed Positive and Negative, security testing to make sure application is according to requirements.
* Validated data and performed backend/database testing using **SQL** queries, Joins and Functions.
* Performed User Acceptance Testing in the final phase of software development process to check the functionality of the software.
* Experience with performance testing using **JMETER**.
* Documented and tracked **test scripts**, test results and reported test defects using HP Quality Center
* Conducted daily defect review meetings and prepared test results reports.
* Worked closely with the Designers and developers to get the immediate resolution to the defects.

**Environment:** Quality Center, **Selenium Web Driver**, Acceptance Testing, Matrix Testing, **JSP**, **JavaBeans**, Oracle 11g, JMeter, XML, **JUnit**, Fire Bug, **Eclipse**, Windows 7/XP.

**Client: Camstar Systems, NC Feb 13- Jan 14**

**Role: QA Automation Tester**

**Project Description:**

Project involved Web based application which is used by front office users for tracking different service requests made by clients such as address change, consumer credit, rate exception, funds transfer etc.   
 **Responsibilities:**

* Created detailed test cases by understanding the business logic and user requirements for manual testing using Quality Center.
* Prepared Test Plans, **Test Scripts** and **Test Cases** based on functional specifications and user requirements.
* Performed **Functional testing**, Regression testing, **UI testing**, and Integration testing of the application.
* Performed Functional tests using Selenium WebDriver with data driven framework.
* Performed Data driven testing using **Selenium WebDriver** and **TestNG** functions which reads data from property and **XML files**.
* Executed Selenium tests for automation testing of the web application using Selenium Web Driver.
* Developed automation test suites and test cases using Selenium Web Driver, TestNG and Maven.
* Extensively used Selenium (**Xpath, ID and CSS locators**) to test the web application.
* Contributed in developing Automation Framework that uses Selenium Web Driver and TestNG. Framework implements using Data Driven, Page Object Model.
* Tested request and response **XML**'s based web services interfaces using **SoapUI.**
* Experience with Assertions like Xpath and **SOAP** responses.
* Involved in executing automated test cases using Selenium WebDriver to automate manual testing solutions.
* Performed Unit testing for Java applications using Junit.
* Worked on developing the automation scripts using Selenium WebDriver with **Junit** Frame work.
* Performed Data driven testing using **Selenium WebDriver** and Junit functions which reads data from property and XML files.
* Experienced in using **QTP** integrated environments like Data Table, Actions, and Recovery scenario.
* Performed end to end testing in the form of scripts.
* Preparation of test scripts, testing status and testing results.
* Created **Traceability Matrices**, Test and Bug Reports and other Test related documents.
* Implemented **Regression** and Smoke tests execution as separate step of deployment process.
* Provided weekly status report to project manager and team lead, worked closely with Business and Development teams.

**Environment:** Selenium Web Driver2, Eclipse, **JIRA**, JAVA, **TestNG**, **SOAP UI**, SOAP, SVN, Jenkins, Xpath, **CSS**, **Selenium IDE**, HTML, XML, **UNIX**, JavaScript, Web Services, Mobile Testing, SQL, MS Excel and Windows, Oracle**, TOAD.**

**Client: Citigroup, Colombus,OH Nov 11- Jan 13**

**Role: QA Automation and Manual Tester**

**Project Description:**

Citigroup Inc. or Citi is an American multinational **investment banking** and **financial services** corporation headquartered in Manhattan, New York City.   
**Responsibilities:**

* Analyzed business requirements, system requirements, and data mapping requirement specifications interacting with client, developers and **QA** team.
* Created and implemented **Test Plan** and Test Strategy Document outlining the scope, objectives, timeline and focus of software testing effort for functional, **regression**, user acceptance and stress **testing.**
* Involved in analyzing system specifications, design, development and execution of test plans and test cases for Manual and **Automated testing.**
* Design and Developed automated functional Test suite using **Selenium IDE** and **Selenium RC**
* 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.
* Developed automation scenarios using the functional test cases
* Developed Selenium test cases using **Junit** framework
* Developed **ANT** Build scripts to run Sanity Test scripts developed in **Selenium RC**.
* Implemented Data-Driven test to verify the same functionality with multiple sets of data.
* Developed Automation scripts for new enhancements using Selenium RC and JUnit.
* Performed **UI testing**, Database testing after reviewing the story cards and database diagram.
* Worked with source version control tool such as Subversion (**SVN**).
* Worked with developer to reproduce the bugs and to resolve usability issues during **UAT**.
* Worked with bug tracking tool **JIRA**.
* Provided back end testing for data validation using **SQL** on **TOAD**.
* Created Regression Document to track and report testing activities during each phase of testing, including testing results, **test case** coverage, required resources, logged defects and their status, performance baselines.
* Participated in Stand-up meeting, walkthrough meeting, weekly automation meeting with all other **QA**, weekly assessment meetings with business analysts and developers.

**Environment:** **Selenium IDE/RC**, Java, **JUnit**, Ant, Fire Path, Firebug, **HTML**, **JavaScript, XML**, Subversion (SVN), **MS EXCEL**, SQL, **Windows XP**,

**Company: Dr. Reddy’s Lab, Hyderabad, India. July 09- Sep 11**

**Role: Manual Tester**

**Project Description:**

Dr. Reddy's manufactures and markets a wide range of pharmaceuticals in India and overseas. The company has over 190 medications, 60 active pharmaceutical ingredients (APIs) for drug manufacture, diagnostic kits, critical care, and biotechnology products.

**Responsibilities:**

* Prepared **Test Plan** and **Test Cases** based on the business and functional specifications.
* Analyzed code to performed white box testing.
* Coordinated and worked closely with business analysts and stake holders during **gathering requirements** for the product and documented test cases.
* Reviewed and implemented **Business Requirement Documents.**
* Reviewed the **test cases** written for **Unit and Integration level**.
* Analyzed test specifications and converted them into **Manual Test Cases**.
* Expertise of testing the application developed using various mobile technologies including J2ME, Blackberry, Android, Symbian, .Net Technology etc.
* Attended **Weekly Status Meetings**, discussed and interacted with team members.
* Performed **End to End Testing** and involved in **User Acceptance Testing**.
* Performed **Security Testing** (Authorization Testing, Access Control Testing).
* Worked on **SQL** statements in checking the validity of the **Backend**.

**Environment:** Manual testing, Mobile Testing, Quality Center, JAVA, XML, HTML, PeopleSoft HRMS, MS SQL Server 2005/2000, SQL, Android, UNIX and Windows.

**Educational Qualifications**

Bachelor of Technology from **Osmania University**,Hyderabad, India.