**Name: Sudheer Balla**

**Email:** [balla.qatesting08@gmail.com](mailto:balla.qatesting08@gmail.com)

**Ph: 516.605.7404**

Professional Summary

* **6+ years** of extensive experience in **Analyzing**, **Designing** and **Implementation** of **QA** **Testing** strategy for large web-enabled applications using **manual testing** and **Automation testing** on Windows and UNIX platforms.
* Developed/maintained Test Plans, Test Cases, Test Scripts, Black Box/White Box Testing, Defect Tracking and Metrics for both Manual and Automated Test environments.
* Expert in performing different tests types, QA Methodologies: **White Box**, **Black Box**, **Front-End** and Back-End, Stress & Load, Regression, Configuration, Functional, Installation & Integration, Smoke, and User Acceptance Testing.
* Expertise in performing different kind of **testing** such as: **Black Box**, Sanity, Positive, Negative, System, **Functional**, **Integration, Regression**, **UAT** and Backend testing.
* Proficient in identifying and reporting defects using bug tracking tools like HP **ALM** and **JIRA**.
* Experienced in writing test plans, test cases, RTM, developing and maintaining test scripts and documenting all steps of Quality Assurance process.
* Experienced with automating **RESTful** web services testing using Java libraries like REST-Assured.
* Successfully automated process of email notification of daily Smoke tests and Regression in Jenkins by taking code from GIT.
* Proficient in testing of Web based and Client/Server Applications.
* Experienced in different management scenarios like Change Control, **Quality Assurance**, Defect Tracking, System Integration, and Task Scheduling.
* Experienced in maintaining Java projects using Maven build management tool.
* Proficient in developing BDD features with **GHERKIN** language using **Cucumber**.
* Prepared the Test Suite with **Cucumber** framework based on Java and developed the test scripts using Cucumber annotations.
* Well versed in creating Cucumber HTML report an **JSON** reports with scenarios screenshots.
* Successfully built framework using Page Object Model (**POM**) with a combination of tools like **Cucumber**, **Maven** and **Jenkins**.
* Experience in Cross browser testing, categorizing test cases and Parallel Test execution using **TestNG**.
* Experienced in working with multiple Operating Systems such as Windows, Mac OS and multiple browsers such as IE, Mozilla Firefox, and Chrome.
* Experienced in testing using **Agile**, **Scrum**, and **Waterfall** methodologies.
* Experienced in manual and automated-testing tools in HP **ALM/ Quality Center**.
* Proficient in creating, executing tests, generating the test reports and creating graphs using Quality Center/**ALM**, **Mockito**
* Proficient in Backend testing by writing **SQL** Queries.
* Good Knowledge in performing GUI, Functional, Regression and Data-driven testing using Selenium.
* Experienced in set up Selenium tools from scratch and configuring various other peripherals tools to perform Selenium Test.
* Expertise in implementing cross browser and cross platform web testing with **Selenium** RC and Web Driver.
* Experienced in using **JUnit** and **TestNG** testing Framework as a test runner with **Selenium**.
* Experienced in designing automation testing framework for web-based application using Selenium that maintains the work flow as an end-user.
* Experienced in developing and implementing Data Driven and Keyword Driven automation testing framework with Selenium RC and Web Driver.
* Experienced in providing the efficient locators strategy like xpath and css to run Web Driver script in stable condition.
* Hands-on experienced in working on projects with Selenium, VSTS, Coded UI Test, C#, NUnit, Java, JUnit, JavaScript, Continuous Integration, SQL, Web Services, **REST**, **SOAP**, **JIRA**, **UFT**, **QTP**, **VBScript** QA technologies and tools
* Hands-on experience developing new automation frameworks using Protractor QTP, Selenium, JMeter
* Experience in web technologies like **JavaScript, XML, XPATH, XSLT, AJAX, HTML, CSS, SOAP**, and JQuery.
* Experience in Web Service testing (**SOAP**) using **SOAPUI** and **Restful** Services using **Postman**.
* Performed Database testing on Oracle, **SQL** Server using **SQL** Developer and **TOAD**.
* Experience in iOS and android testing. Developed UI automation scripts for android.
* Experience with Version Control Tool’s such as Subversion, GIT and Bug tracking tools likes HP **ALM/QC**, **JIRA**.
* Experience in developing software using **Waterfall** and **Agile** methodologies (**Scrum**).
* Excellent communication and interpersonal skills and excellent team player with very good analytical & problem solving skills.
* Highly motivated and team spirited individual with passion for learning and has the capability to meet deadlines in a fast-paced environment.

Technical skills

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| **Test Approaches** | Agile, Waterfall, V-model, Scrum models |
| **Testing Tools** | Selenium WebDriver, white-box, black-box testing, TestNG, Selenium IDE, Selenium RC, Selenium Grid, JUnit, Cucumber, JMeter, SoapUI, REST, C# |
| **Test Build& Integration Tools** | Maven, ANT, Jenkins, CCD, TSYS |
| **Frameworks** | Keyword Driven, Data Driven, BDD, Hybrid, Page Object Model (POM) |
| **Programming Tools** | JAVA, Ruby, JavaScript, VB Script, Gherkin, Angular JS, JQuery, SQL, C |
| **Markup Languages** | HTML, XML, XPath, JSON, CSS Selector |
| **Databases** | AWS, DB2, MySQL, Oracle, SQL Server |
| **Browsers** | Internet Explorer, Mozilla Firefox, Google Chrome, Safari |
| **Operating Systems** | Windows, UNIX, LINUX |
| **Defect Tools** | HP Quality Center, JIRA, HP QC, ALM |
| **MS Office Tools** | Outlook, Word, Excel, PowerPoint, MS Access |
| **Utilities** | Eclipse, GIT, SVN, Firebug, Fire Path, Visual Studio |

Professional experience

**Premier Inc, Charlotte, NC July’17-Till Date Role: Software Quality Assurance Engineer**

**Responsibilities:**

* Analyzed business requirements and functional documents, created the test strategy document that define **the test environment**, **phases of testing**, **entrance** and **exit criteria** into different phases of testing and resources required to conduct the effort.
* Responsible for working within a team to create, document and execute testing strategy, **test plans**, **test cases** and **test scripts** in support of a set of global tools, systems, and databases.
* Performed agile testing, reviewed the stories and participated in Daily Scrum, **Iteration Planning** and **Release Planning** meeting.
* Performed the build and maven dependencies using **Maven** build tool.
* Extensively worked in Regression testing, Parallel Processing using **Selenium Web driver** in **TestNG**.
* Developed test scripts for Web elements by identifying the locators using **Firebug** and **Fire Path** Firefox plugins.
* Developed custom libraries for automation using **JAVA** & **Selenium** WebDriver.
* Involved in Web Application GUI automation creating regression suites using **Selenium** **Web** **Driver**, **JUnit**/**TestNG**, **Eclipse**, **Mockito**
* Developed automated test scripts using **TestNG,** **Ruby** annotations like Group, parameter, Data provider.
* Involved in test approach & test case walkthrough, review with peers and test leads. The workgroup consists of business system analysts, developers and architects.
* Used **XPath** and **DOM** to work with dynamic and static objects in Selenium.
* Created test approach and test cases for logging module.
* Reviewed and analyzed the existing test scripts.
* Developed **HTML** **TestNG** reports for analyzing the output of test using **Extent Reports** **API**.
* Maintained user documentation with **TestNG** output screenshots for User acceptance testing (**UAT**).
* Developed synchronization using **implicit** and **explicit** wait conditions.
* Incorporated the test data in **Test** **scripts** from **Excel** using Apache **POI** **API**.
* Created automation scripts using **Selenium Hybrid** and **Data-driven development framework**.
* Developed Back-end testing using complex queries to retrieve the user information to cross validate in UI and databases.
* Maintained the Java and selenium test source code and resources in the SVN source control repository tool.
* Analyzed test results, tracked the defects and generated reports using **JIRA**, **AWS**
* Prepared the data to cover various scenarios and wrote **SQL** scripts to verify the database updates, inserts and deletion of the records.
* Maintained continuous test integration and automatic build by using **Jenkins** and mailed the build outputs to the team members.
* Followed **Agile** **testing** **methodology**, **Ruby** participated in daily status meetings and testing each deliverable.
* Tested applications in different types of browsers (cross-browser testing) and versions, such as **Internet Explorer, Firefox, Google Chrome** to simulate production environment.
* Developed features and test scripts using **BDD** (Behavior driven development) in Cucumber.
* Developed Cucumber **HTML, JSON** test reports for analyzing the test outputs.
* Participated QA weekly meetings and various other meetings and discusses enhancement and modification request issues and defects in the application.

**Technologies:** JUnit, Jira, Maven, Java, Selenium Web Driver, Selenium IDE, Selenium RC, Cucumber, TestNG Eclipse, Oracle, MSWord, MS Excel, Windows, Agile. C#

**Liberty Mutual, Dover, NH Apr’16 –June’17**

**Automation Tester**

**Responsibilities:**

* Responsible for analyzing business, functional and IT requirement documents and prepare complete Test Plans including system test plan, integration test plan, QA project plans and resource planning and allocation.
* Extensively involved in writing and testing the test cases using **JUnit**.
* Utilized testing tool **JUnit** extensively for the integration testing and unit testing.
* Designed and Developed Test Cases for automated testing using Selenium, **JUNIT** and **Eclipse** **IDE**.
* Setup and Configured the testing environment with **Eclipse**, **JUNIT**, **Selenium** **RC** **server** and **Selenium** Java client driver.
* Involved in Writing **Maven** build dependencies to automate the compilation and execution of JUNIT test cases/suites.
* Converted all manual test cases into **Selenium automated scripts using Java.**
* Wrote and executed automated test cases using **Ruby**, **Selenium Web Driver** to automate manual testing solutions.
* Involved in the complete Performance Test Cycle promoting it to the User Acceptance Testing.
* Worked on **Agile/SCRUM** environment.
* Stored the flow details of Selenium Automation in a file using **Log4j**.
* Created the Execution result sheet, Execution plan, Completion report documents for Functional testing.
* Presented progress of the testing process at walkthroughs and inspections.
* Worked with Developers, Business analysts and Project managers to determine requirements (H/W specs, Test Cases, Test Data).
* Conducted User Acceptance Test (UAT) with users and customers and wrote issues log based on outcome of **UAT**, **Mockito,** **AWS**
* Wrote **BDD** **UAT** using Gherkin format and implemented the step definitions using **Cucumber**.
* Involved in the daily standup meetings with Sr. Business Analyst and managers and understood various process plans, business process, and functionality in detail.
* Initiated and participated in conference calls, walkthrough and review meetings.

**Technologies:** JUnit, Selenium Web Driver, Selenium IDE, Selenium RC, Cucumber, TestNG Eclipse, Oracle, MSWord, MS Excel, Windows, Agile.

**New York Life Insurance - New York, NY Jan’14 – Mar’16**

**QA Analyst**

**Responsibilities:**

* Performed functional, UI, UAT, Smoke, regression testing and recorded issues along with product enhancements and coordinated with Developers to troubleshoot problems and inconsistencies.
* Implemented Test Automation Framework build using Java, Selenium Web Driver, **JUnit** and automated test suites using **Maven** and **Jenkins**, **Ruby**
* Extensively used Selenium features like (Data-driven, **XPath locator**) to test the web application.
* Built up a Selenium test support framework against an **AJAX**/**JavaScript** heavy web application utilizing **JavaScript** Executor and Page Object pattern.
* Wrote Manual Test Script in HP **ALM** and executed them.
* Set up Test cases, Test sets, and Defects in **HP** Quality Center.
* Worked on Procedures, Functions using Oracle **PL**/**SQL**.
* Perform Database testing using DB to test the data is properly populated in the database
* Responsible for creation and execution of Selenium test scripts on different browsers.
* Conversant in identifying the correct GUI elements for creating automation scripts using Selenium locators such as name, ID, Link Text, **CSS** Selector and **Xpath**.
* Experienced in functional testing using Selenium using JUnit testing framework.
* Extensively used Selenium to add more flexibility in automation testing cases.
* Responsible for creating **UI Object Info**, Functions, **Test Data** and **Test Suite**.
* Involved in design and implementation of Selenium automation framework for regression test suites.
* Performed **Web Services** Testing using **SoapUI** for Viewer Measurement Metrics Services.
* Performed Rest Web **APIs** testing using JUnit and Spring Rest Template.
* Performed Backend Java **API** testing using SpringJUnit4Runner and Mockito.
* Developed and executed SQL statements for the database testing
* Developed, maintained and executed load and stress test with JMeter.
* Experience with troubleshooting using firebug and tail application logs (for any exceptions) while testing.
* Created and executed JMeter scripts that simulated 4 times the current production load and monitored ROR log, **SQL** slow logs and monitored server using VM Monitor.
* Investigated bug reports by black box testing and examining code to track down the source of issues for documenting in our bug tracker to help developers.
* Responsible for deploy latest build and services on different stages for testing and developer purpose
* Experienced in automation project continuous integration (**Jenkins** with **Maven**).

**Technologies:** JDK 1.7, SOAP, XML, REST, Selenium Web Driver, Firebug, JUnit, JMeter, SQL, Linux, Maven, Jenkins, GIT, Eclipse, C#

**Ceredox Technologies, India June’12 – July’13**

**QA Analyst**

**Responsibilities:**

* Involved in analyzing Business Requirement documents and Prepared **Test Plan**, developed **Test cases** and setup milestones for each phase of the testing.
* Reviewed build release notes execute functionality test cases to validate each build against the requirements.
* Mapped the requirements to test scenarios and ensured proper test coverage.
* Executed test scenarios manually and verified the Web Pages validity against the expected result sets.
* Executed test cases to validate **UI functionalities**, **web elements**, dynamic contents, and reported defects promptly & accurately.
* Involved in requirement analysis, **test planning** and **execution** for the stories identified during **Sprint Planning**.
* Created automation frame work design for Portal UI, and business processes, executed automation test scripts and performed test scripts maintenance.
* Performed Test Data Management such as test data setup, and data masking for the **QA validations** across test environments.
* Reviewed, analyzed, and ensured the quality of data loaded into the **HDFS** (Hadoop Distributed File Systems), Big data and Jethro database system by utilizing **T**-**SQL** queries, and JSON data structures.
* Validated map reduce logics for the data transformations, reported code issues and debugged during root cause analysis in **TFS**.
* Logged defects discovered during testing and defect management in the **JIRA** project tracking tool.
* Performed testing on web services using **SOAP** **UI**.
* Responsible for logging defects, monitoring their status and tracking them using HP Quality Center.
* Performed Cross Browser Testing to check the compatibility of the Application with different Browsers (IE, AOL, Netscape).
* Conducted regression tests on batch processes, data updates to support online features.
* Conducted backend tests and constructed and executed SQL queries to extract data from various tables.
* Prepare Test Status Reports, Defect reports and product status reports.

**Technologies:** JDK 1.6, SOAPUI, XML, Firebug, SQL, Unix, SVN, HP QC, C#