**Srinivas**

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**Summary:**

* Over 8+ years of experience in Software testing, **Software Quality Analysis** of Web, Windows, Web Services, Client/Server applications and databases in Finance, Healthcare & Media Industries.
* Experience in all stages of the **Software Development Life Cycle** and **QA Life Cycle** and in all dimensions of Functionality, Usability & Reliability.
* Proficient in using test automation tools such as **Selenium Web Driver/RC/IDE/Grid**, **QTPand Mercury Quality Centre** 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**, **Testing** 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 **Web Driver and Server**. Heavy programming using **Java, Junit, TestNG**.
* Expertise in functional testing AUT using **Selenium IDE** and **SeleniumWebDriver** 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.

**EDUCATION:** Bachelor in Computer Science Engineering, India.

**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 & server 2003, UNIX and Linux |
| **Mobile Manual Testing** | Android, iOS. |

# Professional Experience:

**Client: Eagle Bank and Trust, Bethesda, Maryland Aug16- Present**

**Role: QA Automation and Manual Testing Engineer**

**Project Description:**

Every enhancement release has its own features to make sure code changes works as expected in SIT region before the code moves into UAT and production. RM‘s will coordinate with the respective development, SIT, BAU business teams to make sure the code changes are addressed accordingly.

**Responsibilities**

* Analyzed Business Requirements Documents to get better understanding of the system both on technical and business perspectives.
* 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.
* 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 Automation scripting.
* Used **Maven** 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 dataand 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.

**Environments:** Selenium WebDriver, Jenkins, Cucumber, SOAP UI, JMeter, Maven, Junit, Quality Center, Eclipse, XPATH, Java, HTML, CSS, agile, GIT, SQL, Android, Oracle and Windows.

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# Client: Priority Health, Grand Rapids, MI Feb 15- July 16

**Role: QA Automation and Manual Testing Engineer**

Priority Health is the first health plan in Michigan to offer holistic care and traditional coverage all in one plan.

**Responsibilities:**

* Analysis of Business and Requirement Specifications. Designing Test Lab and formulation of Test Strategy, Test Plans Performed functional testing to identify various critical points in the application and automated it by using **Selenium WebDriver.**
* 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.
* 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.
* Performed **white box testing** using **TestNG** for class, method, &**WebServices testing**.
* Involved in **Maven** configuration for running servers and scripts after the build**.**
* Involved in preparing a report of all automation difficulties and test results for further application using **Maven.**
* Executing the test plans on **web** and **mobile** (Apple & Android) as per requirements.
* Implemented simulator for Mobile App Testing in **Android Platform** using **Appium**.
* Experienced in load and performance testing tool **JMeter**.
* 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.
* Have built a test automation framework based on Page Object Model,TestNG and Selenium Webdriver.
* Integrated Automation scripts **(Selenium WebDriver API)** in **Continuous Integration tools (Jenkins) for** nightly batch run of the Script. Created Project plan on **Jenkins**, configured scheduled using **Cron** job.
* 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.

**Environment:** Selenium Web Driver, Jenkins, Cucumber, SOAP UI, Maven, Appium (Android), TestNG, Quality Centre, Fire path, Firebug, Eclipse, XPATH, Java, HTML, CSS, TDD, Android, SQL, Oracle and Windows, JMeter, Jasmine.

**Client: Costa Del Mar, Daytona Beach, Florida May 14- Jan 15**

**Role: QA Automation and Manual Tester**

**Project Description**

Costa Del mar sells clearest polarized sunglasses for on and off the water. This e-commerce website allows customers to search for sunglasses and also has shopping cart feature that allows customers to add items. Customers can pay online and track the shipping also. Customers can add items to wish list and track return items. Customers can interact with customer support.

**Responsibilities:**

* Analyzed Business Requirements Documents to get better understanding of the system both on technical and business perspectives.
* 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.
* 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 dataand 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, JMeter, Ant, Mobile Manual Testing, Java, JSP, JavaScript, and MySQL, QC, Git, Quality Center.

**Client: Spectrum VoIP, Irving, TX July 13- April 14**

**Role: QA Automation and Manual Tester**

A supply chain management and consulting business focused on freight management, operational efficiencies and technology. It uses proprietary software to streamline operations.

**Project Description**:

This website is designed to bring new, revenue-generating serives to market faster, easier and at a lower cost. The serivce is open, scalable and flexible reference architecture. Customers can log on, pay bills, shop for plans and phones, and manage their accounts.

**Responsibilities:**

* Analyzed the user requirements, functional specifications and used Case documents for Functional testing.
* Developed and implemented **robust MVC pattern** base testing with **Selenium RC** which cut down the script development time in half.
* Involved in automating test cases using **Selenium RC with Junit.**
* Wrote and executed automated test cases using **Selenium RC** to automate manual testing solutions.
* Used **Selenium RC** used to test search results of Meta search engine.
* Reviewed Specified Business Documents and prepared Test Cases using Quality Center based on the requirements.
* As part of compatibility testing, executed the workflow manager web application related test cases on different browsers different Operating Systems.
* Verification of Frontend GUI Objects and elements.
* Developed automated script for back-end testing using **Selenium RC.**
* Maintained **Test Matrix** and **Project Matrix** using an excel sheet to keep track of the Project's schedule and status.
* Familiarity with UAT for making website more user-friendly and for web-applications.
* Involved in writing **SQL** Queries for backend testing
* Knowledge of writing **Junit** tests using Junit framework.
* Coordinated with developers and record defects in **JIRA** to track until they are resolved.
* Extensively tested customer’s payments are sent directly to your commercial bank account using the latest security technology.
* Involved in weekly walkthroughs and inspection meetings, to verify the status of the testing effort and the project as a whole.

**Environment:** Selenium RC, Java, Junit, SQL, DHTML, Jira, VBScript, HTML, MSWord, MS Excel, UNIX, Windows.

**Company: AETNA, Hartford,CT May 11- June 13**

**Role: QA Automation and Manual Tester**

A financial payment service that provides electronic healthcare payment solutions, serving over 10,000 ERISA health plans and fully-insured groups.

**Project Description:**

Customers can view, edit your account information, view histories of billed, view payment information, and can make electronic payments.

**Responsibilities:**

Analyzed the user requirements by interacting with system architect, developers and business users.

* Suggested improvements in test process by gathering and analyzing data.
* Reviewed and analyzed Detail Designed Specification and Technical Specification documents.
* Analyzed the SRS (System Requirement Specifications) and developed Test Suites to cover the overall quality assurance testing.
* Implemented **Selenium Grid** to run Regression Tests on multiple platforms and browsers in parallel.
* Used **Selenium IDE** for testing various web applications.
* Involved in complete QA Life Cycles.
* Prepared Test Cases with the complete description of requirements, uploaded test cases and report results into **Quality Center.**
* During testing life cycle, performed different types of testing like System Testing, Integration Testing and Regression Testing.
* Performed Defect tracking in **Quality Center**. Defects were linked via traceability to specific test case.
* Participated in QA Team meetings and weekly QA testing reviews.

**Environment:** Selenium RC/IDE/Grid, Quality Center, Java, HTML, Java Script, Oracle, VSS, Windows, Team Foundation Server.

**Company: Dr. Reddy’s Lab, Hyderabad, India. May 09- April 11**

**Role: Manual Tester**

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.