**Sreenivas G**

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**Professional Summary:**

* Over **7 years** of professional experience in **Software Quality Assurance** analysis and testing of web based and **client/server Applications.**
* Proficiency in **software development life cycle (SDLC)** and Quality Assurance testing in **Waterfall** and **Agile** Environments.
* Experience in web user interface automation testing with **Selenium Webdriver,** **Java,** **JUnit, Cucumber** and **TestNG** frame works.
* Sound knowledge on **Junit**, **TestNG** framework for **Unit testing**, **Maven** and **Ant** for Project **building tool**, **Jenkins/Hudson** for **Continuous Integration**.
* Experience in working with Build Systems like **ANT, Maven** and continuous integration systems like **Jenkins, Hudson,** **Team City, and Cruise Control.**
* Experience in setting up continuous integration system using **Jenkins** and working knowledge with cloud based code repository system like **Github**.
* Extensive experience in reviewing and analyzing Business Requirements and creating **Test Plans, Test Cases, Test Scripts, Test Estimation** & **Requirement Traceability Matrix.**
* Professional expertise in **Smoke Testing, Backed end Testing**, **Grey Box, Black-Box** **Testing, White box testing,** **User Acceptance** **Testing (UAT),** **Functional Testing, Positive/ Negative Testing,** **System Testing, Regression Testing,** **GUI Software** **Testing, Ad-hoc Testing**, **Cross Browser/ Cross Platform Testing**, **UI Validation, Web Services,** **Boundary Value** **Testing.**
* Expert using open source bug tracking tool **JIRA, Quality Center, BugZilla.**
* Experience testing **SOA** with **RESTful/SOAP** Web Services. Created entire architecture for backend testing internal and third party **API** using Test Complete and **SOAP UI**.
* Excellent knowledge in writing unique **XPath** using **firebug and fire path** to identify **web elements.**
* Experienced in **Web Service testing** by using **SOAP UI** with the help of **Groovy Scripting**.
* Experience programming in **Java**, **C#, .Net,** **JavaScript,** **HTML**, **XML** and **SQL** on Windows XP, Vista Operating Systems and **UNIX** environments.
* Experienced usingWeb-debugging tool like **Fire Path and Firebug** for finding elements locator.
* Expertise in Defect management, Bug tracking, Bug Reports and generating the Graphs using Bug tracking tools such as **HP Quality Center, Test Director.**
* Experienced in using **Subversion (SVN),** **Concurrent Versions System** (**CVS**) and **Git** to maintain current and historical versions of files such as source code, web pages, and documentation.
* Experience in Database testing by using **Oracle, MS SQL Server, SQL, T-SQL and PL/SQL Queries**.
* Experience with **Agile Scrum** and **Waterfall and TDD (Test Driven Development)** methodology.
* 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/RC/IDE/GRID, HP Quality Center, Junit, TestNG, JMeter, JIRA Jbehave, Cucumber & Soap UI, GitHub, |
| **Web Technologies** | HTML, XML and JavaScript |
| **Defect Tracking Tools** | Quality Center, JIRA, Clear Quest, BugZilla |
| **Build Tools** | ANT, MAVEN |
| **Languages** | Java, C#, SQL, PL/SQL, C, Groovy |
| **Continuous Integration Tools** | Jenkins, Hudson, Cruise Control |
| **SDLC Methodologies** | Agile, SCRUM and Waterfall |
| **Database** | Oracle, MS SQL Server, SQL, T-SQL and PL/SQL |
| **Operating Systems** | Windows , UNIX and Linux |

**Professional Experience:**

**Client: NJM Insurance group, Trenton, NJ. Sep 15 – Till Date**

**Project (DMP):** DMP addresses the document generation needs for Policy Administration and Billing Solutions for Personal Auto New Jersey (NJ) Policyholders.

**Role:** **QA Automation Engineer**

**Responsibilities:**

* 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.
* Wrote and executed automated test cases using **Selenium WebDriver** to automate manual testing solutions.
* Utilized testing tool **TestNG** extensively for the integration testing and unit testing.
* Performed Data driven testing **Selenium WebDriver** using **TestNG** functions and **JDBC** Connections which reads data from scripts using property and **XML** files.
* Establishing ATDD test framework using CUCUMBER – PageObject Model using Webdriver/LeanFT
* Performed functional testing to identify various critical points in the application and automated it by using **Selenium WebDriver with TestNG.**
* Developed Test cases manually and generated Automation Scripts using open source tools like **Selenium** **Web Driver**, **TestNG**, **SOAP UI**, **Maven** and **Jenkins**.
* Integrated the scripts and executed them as a suite using the build integration tool **Maven**.
* Implemented Automated execution of tests(nightly and need based) using **Maven and** **Jenkins**
* Involved in creation of automation framework in **Selenium** **WebDriver** using behavior driven approach like **Cucumber**.
* Facilitating and delivering SDET trainings for QA to QE transformation – JAVA, Selenium, Cucumber, ATDD
* Demonstrating ATDD capabilities in front of customers and higher management stakeholders
* Created **XML based test suit and integrated with Jenkins Server** to execute automation scripts on a regular basis by scheduling **Jenkins** jobs in different **test environments** with different **test configurations.**
* Involved in running Test scripts on different browsers using the **Selenium WebDriver.**
* Used **XPath** and **DOM** to work with dynamic and static objects in **Selenium.**
* Involved in **SOAP & REST** based web servicestesting using **SOAP UIPRO** web services testing tool.
* Performed web services testing with **SOAP UI** andPerformed **Security testing** for employee login validations.
* Drafted **Test Plan** which included **testing objectives, testing phases**, scenarios and test environment after a thorough analysis of the business rules.
* Conducted **backend testing using SQL queries** to validate data for database.
* Performed data accuracy, data validation and data integrity testing by querying the database using SQL queries to check the data table on server.
* Used HP Mercury **Quality Center** for Test Management for functional Test Automation.
* Used **ClearCase**, **Subversion** for code repositories and **Maven** for the dependencies.
* Verified, edited and updated test data in new or existing systems before testing.
* Coordinated with technical support associates to fix proprietary software issues.

**Environment:** Java, Selenium IDE/WebDriver, TestNG, Maven, Jenkins, Cucumber, DataDriven Framework, MVC, Quality Center, XML, HTML**,** SQL, Oracle 11g and Windows XP/7.

**Client: Planned Parenthood Federation of America (PPFA), NY.**  **Mar 14 – Aug 15**

Planned Parenthood delivers vital reproductive health care, sex education, and information to millions of Women, men, and young people worldwide. Its locally governed affiliates nationwide operate Over 650 health centers, which reflect the diverse needs of their communities

**Role: QA Automation Engineer**

**Responsibilities:**

* Elicited requirements from business to determine functional specifications leading to concrete implementation requirements.

# Reviewed the requirements and the Use Cases Diagrams to write Test Cases/ Test plan that would test various Scenarios.

# Wrote and executed ATDD (Acceptance Test Driven Development), managed test data and utilized test data management tech.

# Designed, developed and implemented MVC Pattern based Keyword Driven automation testing framework utilizing Java, Junit and Selenium WebDriver.

* Designed data-driven testing framework in **Selenium** and captured data dynamically from web controls.
* Involved in building automation framework from scratch using **Selenium Web Driver**, **JAVA**, **Junit, Jenkins, ANT** and **Eclipse**.
* Extended **Junit** framework by adding some helper classes and methods.
* Wrote scripts using **WebDriver** (script language -JAVA) and **Junit** framework.
* Executed manual and automated application testing for key product functionalities and developing new test plans using tools such as **Selenium** and **Junit.**
* Created the tests that have no user interaction as a set and executed them as Batch tests using **ANT**.
* Used **Ant** for building the WebDriver project. Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using **Selenium Grid** and **Jenkins**.
* Developed test scripts for web services using **SOAP UI** and worked with **XPATH.**
* Used **SOAP UI tool** to test SOA based architecture application to test **SOAP services** and **REST API.**
* Documented and tracked test scripts, test results and reported test defects using **HP Quality Center.**
* Performed data accuracy, data validation and data integrity testing by querying the **database using SQL queries** to check the data table on server.
* Served as a functional SME for high visibility projects providing recommendations for improvement and technical expertise alongside project life cycle resulting in the delivery of projects on time.
* Conducted stand up meetings to manage communications between multiple teams to ensure project success.
* Supported production install and served as a point person for project issues in the capacity of a Lead Analyst.

**Environment:** Java, Selenium WebDriver, Junit, Ant, Jenkins, MVC, Quality Center, JavaScript, HTML, CSS, XPath, Web Services, SOAP UI, XML,Eclipse, Oracle, Agile Methodology and Windows.

**Client: PUBLIX SUPER MARKETS, INC., Lakeland, FL.** **Sep 12 – Feb 14**

#### PUBLIX Super Markets is one of the largest supermarket chains in the Unites States with 867 stores in operation. ATM device has become a core component of the service offerings in PUBLIX stores.

#### Role: QA Engineer

#### Responsibilities:

* Testing of new features by creating test specifications, test cases, and working closely with development and business teams.
* Performed Functional Testing, Regression Testing, User Acceptance Testing (UAT), and Integration Testing using Black Box Testing methodologies.
* Reviewed and updated **Requirements Traceability Matrices (RTM)** that satisfy all required project’s test conditions.
* Define, develop, and execute automation test scripts using Java that leverage black and white box testing across functional, non-functional and performance testing.
* Automated the Functional, Regression, Integration test cases using tools from Selenium Suite of products like, **Selenium Grid** and **Selenium RC.**
* Tested compatibility of application for dynamic and static content under various cross browsers using HTML IDs and XPath in Selenium.
* Developed automated scripts using **Selenium RC, Java**, **Junit** in **Eclipse IDE** to perform functional and regression testing for web based applications.
* Developed **ANT** Build scripts to run Sanity Test scripts developed in **Selenium RC.**
* Extensively involved in integrating **Selenium RC** with existing API to test framework.
* Responsible for **preparation of Test cycle/progress reports**, **analysis of defect metrics**& implement improvement actions for next iterations.
* Involved in **Defect Management, Defect Review** and **Defect Status Reporting.**
* Executed scripts on multiple browsers simultaneously using Selenium Grid.
* Ran regression scripts to ensure that the existing features are working fine.
* Identifying, logging, tracking and escalating bugs using **JIRA.**
* Performed **backend testing using SQL queries** to retrieve and verify information in the database.
* Developed **SQL queries to simulate data validation reports** and to stage test data for ongoing testing.
* Used SQL to test **Data Warehousing** and **Data Cleansing** for the arrangement of customer data.
* Maintained QA/Test environments and assisted in build and deploy activities.
* Communicate testing status to QA lead, project managers, and teams who are involved in User Acceptance Testing.
* Interacted with the development team to validate the scope of fixing the bugs.

**Environment:** Selenium RC/IDE, Java, Junit, Ant, Eclipse, Jira, ClearCase, XPath, HTML, SQL, Oracle, Windows XP.

**Client: SunTrust Bank, Atlanta, GA. Feb 11 – Aug 12**

The Project involved working on a low cost, interim web based solution to have a quick access to a full view of the customer’s accounts, service information and contact history.

**Role: QA Tester**

**Responsibilities:**

* Planned and managed the appropriate testing effort for any given module.
* Composed accurate and detailed Test Approach, scenarios and test cases (functional, usability and regression).
* Conducted end to end test executions on the entire application.
* Monitor the Test Execution Progress and Manage the Issues during Test Execution.
* Identified software defects and interacted with developers to resolve them and provided full support to the Test team using the QC.
* Share status reports (Daily / Weekly /Monthly) to all the stakeholders and management.
* Performed Integration testing, Regression testing and System Testing.
* Work with the development / support teams to fix the environmental issues encountered during test executions.
* Communicate defects using Quality Center (QC) with proper Severity and Priority.
* Execution of System Integration Testing, User Acceptance Testing.
* Created Test matrix, Test Summary Report, UAT summary Report and UAT Sign off Report.

**Environment:** Quality Center, MS Excel, web based application, Windows.

**Client: Liberty Mutual, Dover, NH. Sep 09 – Jan 11**

**Description**: The application accepts customized data from the customer and processes the application to get a complete coverage quote for both auto as well as property. The application also matches pre-fill data to already existing values in database and provides guidance to the customer regarding insurance information.

**Role: Manual Tester**

**Responsibilities:**

* Analyzed business requirements, Specifications documents to provide inputs for testing and to development team.
* Performed Functional, Integration, Regression, System testing, acceptance testing for the Application
* Created test scenarios, test cases and test data. Executed tests, created status reports.
* Conducted Regression Testing on various builds of the application and reported the defects to the developers using Quality Center for the bug fixing and tracking.
* Quality Center was used to track defects and reported to development team.
* Tested the product and worked with Client Team for UAT Testing.
* Developed Integration, System, Regression and UAT Test cases to cover all over Functionality.

**Environment:** Java, JavaScript, Test Director, HTML, XML, SQL, PL/SQL, Oracle, UNIX.

**References:** Will be provided upon request.