**Srivalli**

**QA Analyst**

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**Professional Summary:**

* **Nearly 9 years** of Experience as a QA using **Manual** &**Automation** Testing of Web, and Client/Server with specializing in Software Assurance Testing.
* Worked in multiple domains like **Oil & gas, Banking, Utility**
* Strong knowledge of Software Development Life Cycle (**SDLC**) as well as Software Testing Life Cycle (**STLC**) and the Role of **QA** in different testing methodologies like **Agile** and **Waterfall**.
* Strong skills in Implementing Quality Assurance Standards, and Testing Methodologies for Large Enterprise GUI, and WEB applications using Use Case Documents, Functional Specifications, and Business Requirements.
* Designed, developed, and executed **Test Plan**, **Test Cases**, and **Test scripts** for various applications.
* Automation experience using Selenium IDE/RC/ Web Driver, and TestNG framework.
* Involved in developing Test Scripts to implement Test Cases, Test Scenarios, and features for TDD (Test Driven Development), BDD (Behavior Driven Development) using Cucumber (Gherkins format).
* Experience in Continuous integration tools like Maven, Jenkins and Rally Tools.
* Strong Knowledge in Mobile Testing using Appium for (Android/IOS) applications.
* Skilled in **Agile** methodologies like Scrum and Kanban, adept at facilitating iterative development and continual improvement processes.
* Proficient in understanding **database** concepts such as tables, rows, columns, primary keys, foreign keys, indexes, normalization, etc.
* Expertise in validating **SOAP and REST** based web services.
* Expertise in performing **Black Box Testing, Functional testing, Usability Testing, System Testing, Regression Testing, System Integrating Testing (SIT) and User Acceptance Testing (UAT)**.
* Excellent Organization, Analytical and Problem-Solving skills, and ability to quickly learn new technologies.

**Technical Skills:**

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| **Testing tools** | Selenium Web Driver |
| **Defect Tracking Tools** | HP Quality Center/HP ALM, Rational Clear Quest, JIRA, |
| **Build Tools** | Maven, Ant |
| **Testing Frameworks** | Page Object, Data Driven, Keyword Driven, Hybrid Driven Frameworks |
| **Operating Systems** | UNIX, WINDOWS, Linux |
| **Continuous Integration Tools/Cloud** | Jenkins |
| **Project Methodologies)** | Waterfall, Agile/Scrum, SDLC, STLC, Bug Life Cycle. |
| **SOA Technologies** | SOAP, REST/API, WSDL, UDDI, Web Services, SOAP UI, |
| **Databases** | Oracle, DB2, SQL Server, MS Access, MY SQL |
| **Office Tools :** | MS Office Suite, MS Project, Microsoft Share Point |

**PROFESSIONAL EXPERIENCE**

**PG&E, San Francisco, California. May 2021 – Till date.**

**Sr QA Analyst**

**Responsibilities**

* Assessed & analyzed user stories and participated in Sprint planning**,** Review Sessions & Scrum Meetings and developed Test scenarios, Test cases, Test data, Test procedures, Test reports.
* Worked on Jira for maintaining the requirements of the project, and for logging the defects.
* Experience in performing different kinds of testing like Smoke testing, Sanity testing, Regression testing
* Performed Map Services testing on different LOBS in different environments.
* Regression testing to make sure nothing is broken because of new functionality added.
* Works closely with developers and business analysts to define test scenarios and develop a plan to accomplish the test objective.
* Performed Functional testing, Cross-Browser testing, Regression testing, Manual and Automated testing, Integration testing, Backend validation testing and End to end testing.
* Designed the automated test cases using theSelenium Web Driver**.**
* Used TestNG framework to run unit test and Maven to build the Project.
* 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.
* Located web elements using Xpath expressions, CSS Selectors, etc.
* The automation testing was developed using the Hybrid framework.
* Work with soap UI for generating API requests and analyzing the response success and failures of interfaces.
* Conducted backend testing using SQL queries to validate data for the database.
* Provide Management with daily status reports.
* Coordinating with Offshore and onsite team to ensure the newly developed features function End-to-End.

**Environment:** Jira, Agile Methodology, Oracle, SQL Server, REST/API, Java, selenium, maven

**Siemens Corporation, Olean, NY Jan 2019 – April 2021**

**QA Analyst**

**Responsibilities:**

* Design and execute test plans and test cases, to ensure that business requirements and functional specifications are tested and fulfilled.
* Executing Test suites and identifying, reporting issues in the build.
* Creating Test Plan, Test Strategy and Test Cases manually for the application.
* Tested Mobile app on iOS and Android.
* Utilized **Jira'**s integration with CI/CD tools for streamlined workflows.
* Performed validation testing for mobile Apps .
* Created Test Automation Framework with BDD Cucumber and Selenium WebDriver.
* Configured Cucumber Report Plugin and Performance Plugin to Jenkins to generate HTML test reports.
* Used Page Object Model to Automate Functional and Regression Testing by creating Hybrid Framework using Maven, Java, TestNG and Selenium WebDriver.
* 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.
* Used version control Git to maintain code for future releases.
* Written and executed SQL queries and Joins, Group By clause, having clause, etc. to validate the data.
* Used Jira for Bug tracking &reporting.
* Performed validation tests to ensure that the developed functionality meets the specifications prior to UAT testing.

**Environment:**  Agile Methodology, SQL Server, Selenium, Jira, SOAP UI, Java, Jenkins, Maven, Cucumber

**Capital One, Richmond, VA May 2016 – Dec2018**

**QA Test Engineer**

**Responsibilities:**

* Worked on Analyzing business requirements/system requirements/functional testing requirements for opportunities pursued by the Business Group.
* Developed and executed test scripts and drove resolution of fixes to the system before User Acceptance Test.
* Developed test code in Java language using Eclipse IDE and TestNG framework
* Designed and Developed UAT Regression automation script and Automation of functional testing framework for all modules using Selenium and WebDriver.
* Integrated API testing with CI/CD pipelines using tools like Jenkins for continuous testing and deployment.
* Conducted extensive API testing using RESTful web services to validate endpoints, request methods (GET, POST, PUT, DELETE), and response codes.
* Used Firebug Tool to identify the Object’s id, Name, Path, and link in the application.
* Exported Test case Scripts (Java-Selenium WebDriver) in Eclipse IDE and modified the selenium scripts and executed them. Prepared automation test framework (Junit).
* Created Keyword-Driven Automated Frameworks using Selenium WebDriver configured under Eclipse, Junit environment.
* Used SVN as our source code management (version control) tool to checkout and commit the work into it.
* Experience in doing automation testing for Mobile applications in both Hybrid and Nativ**e** applications using the Appium tool and Perfecto mobile software, which involves IOS and ANDROID platforms.
* Presented the project status/results on a daily and weekly basis in the Project Meetings.

**Environment:**Selenium IDE, Selenium WebDriver, Java, Web Services, SOAPUI, Jira, DB2 Oracle, Appium, Jenkins, Cucumber, Zephry

**SunTrust Bank, Atlanta, GA July 2015 - April 2016 QA Test Engineer**

**Responsibilities:**

* Prepared Test Plan from the Business Requirements and Functional Specification.
* Performed black box/functional testing, regression testing on Application under Test.
* Analyzed Business and Requirement Specifications. Formulated Test Strategy, Test Plans and Test Cases for the Functional, Integration, end-to-end, Usability and smoke testing
* Generated reports using SOAPUI.
* Writing Test Cases for Functional, UAT and System Testing.
* Performed conversion, functional, integration, regression, volume and performance Testing and preparing the test reports using dashboard tab in HP ALM to maintain new and modified test cases.
* Experienced in writing complex SQL queries for extracting data from multiple tables.
* Testing has been done based on Change Requests and Defect Requests.
* Maintained Test data through Excel.
* Preparing and supporting the QA and UAT test environments.

**Environment**: PL/SQL, SQL, Teradata, TOAD 9 Oracle, DB2, HP ALM

**MicronetTec KnicksPvt.LTD, India Nov 2012 - July 2014**

**Test Analyst**

**Responsibilities:**

* Extensive knowledge of SDLC (Software Development Life Cycle**)** methodologies.
* Creation of detailed test cases by understanding the user requirements for Manual Testing.
* Involved in preparing Test cases.
* Creation of test cases and execution of Test cases.
* Logged and kept track of all Defects till their closure using Quality Center.
* Created and maintained Test Data on Excel sheets.
* Conducted Cross Browser Testing on different versions of IE and Firefox.
* Generated automated test scripts for functional and regression testing using QTP.
* Responsible for Functional and Regression Testing of all aspects of the application.
* Performed, Functional, Integration, User Interface testing manually. .
* Analysis and study of Software Requirements Specifications (SRS) documents, project planning for preparation of test plan.
* Attending Client interaction calls for systems analysis, requirements gathering for the preparation of test case document & test data. Mapping client/business requirements.
* Delivering and implementing the project as per scheduled deadlines, extending post-implementation and maintenance support to the client.

**Environment:** Manual Testing, HTML, DHTML, Quality center, SQL, Oracle and Windows, QTP