**Vasantha**

**860-697-7342**

# Experience Summary:

* 7+ year’s experience as a QA Engineer in Manual/Automation testing of Web apps and client server application, to validate functionality of the applications.
* Experience in all stages of Software Development Life Cycle (SDLC) and Software Testing LifeCycle (STLC) Including Agile, Waterfall, Iteration, and Scrum methodologies.
* Expertise in Manual Testing and Automation tolls like Selenium WebDriver, and SoapUIPro.
* Solid Experience in Java and OOPS concepts (Inheritance, Encapsulation and Polymorphism), Object, Method, Interface, Abstract Class, Keywords and Variables required for Selenium frameworks.
* Expertise in gathering requirements, writing software Test plans, Test case Design, and Test Data and execution of test cases in both Manual and Automated modes.
* Extensive experience with Software Quality Assurance Testing on GUI based Client Server & Web Based Applications, Data Driven Applications using Automated Testing procedures.
* Implemented different automation frameworks like Data-Driven Framework, Keyword-Driven Framework, Hybrid Framework, Behavior Driven Development Framework/ Acceptance Test-Driven Development Framework (BDD/ATDD).
* Well experienced with automation of Rest API using Rest Assured package in java with Cucumber.
* Experienced with Continuous Deployment (CD) and Continuous Integration (CI) capabilities and Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using Quality Center (QC), JIRA, Bugzilla, Jenkins etc.
* Expertise automation testing tools and automation framework Selenium, SOAPUI, Junit, TestNG, Appium. Mobile automation for android and iOS using Appium.
* Proficient in performing different types of testing like Smoke, Sanity, Functional, System Testing, Integration testing, Regression Testing, User Acceptance Testing (UAT), GUI testing, Browser Compatibility testing, Ad-hoc testing, Black Box Testing, White Box, System Testing, Shakeout Testing, Front End and Back End Testing.
* Expert in developing Java Selenium Web Driver test scripts using Java, JavaScript and Rest Assured packages and Test Frameworks using TestNG, Junit, ANT/MAVEN/Gradle build tools.
* Automation testing of web applications using Cucumber and Selenium Web Driver.
* Experienced with SOA, Web Services, SOAP, Soap UI, RESTFUL.
* Experience and actively involved in building and testing Restful Web services API using Postman and SoapUI, for UI Integration.
* Experience in Administration/Maintenance of source control management systems, such as Subversion (SVN), GIT, GITHUB, GIT BUCKET.
* Involved in developing the automation script for Mobile Native applications (IOS, Android) using Appium, Java.
* Integrated Appium with Perfecto for distributing tests on the cloud.
* Performed Acceptance testing and UI functional testing using Perfecto with extension of Appium and Java as scripting language.
* Dexterous in coordinating multiple projects involving varied areas of quality assurance like Web Services Testing, Database Testing, User Interface testing, and Mobile Testing.
* Performed Backend validations using SQL Queries in PL-SQL Developer to validate the test results.

# Technical Skills

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| --- | --- |
| **Methodology** | **Agile, Waterfall, Scrum** |
| **Automation Tools** | **Selenium IDE, Selenium RC, Selenium WebDriver, BDD, Cucumber, Appium, Perfecto** |
| **CICD Tools** | **Jenkins, Git, GitHub, CICD Pipelines** |
| **Frameworks** | **Data Driven, Keyword Driven, Hybrid, Behavior Driven Development (BDD), Page Object Model (POM), JUNIT, Test NG** |
| **Build /Integration Tools** | **Maven, Jenkins** |
| **Bug Tracking Tools** | **Rally, JIRA, HP Quality Center, Bugzilla** |
| **Web Service Tool** | **Rest Assured, Soap UI, Ready API, Rest Client, Post Man.** |
| **Programming Languages** | **Java, XML, HTML 5, CSS** |
| **Database/Database tools** | **SQL Server, Oracle, MySQL** |
| **Development Environment** | **Eclipse** |
| **Version Control Tools** | **GIT, SVN** |
| **Web Debugging Tools** | **Browser Developer Tools, Xpath, Firepath, Firebug** |
| **Protocols** | **HTTP, HTTPS, TCP/IP, SOAP, REST** |
| **Operating Systems** | **Windows, Linux, Unix** |

# Education and Certifications:

* Bachelors in Computer Science and Engineering from Anna University, TN, India

# Professional experience

# Client: Capital one, Plano, TX Dec 2019 – Feb 2021

# Role: Automation Engineer

# Project Description

# Capital One Financial Corporation is a bank holding company specializing in credit cards, auto loans, banking and savings accounts headquartered in McLean, Virginia.

# Responsibilities

* Developed Master Test Plan and integrated Project plan schedule and test cases and scripts for the program.
* Responsible for migrating all the projects and its database schemas from legacy servers to the new servers.
* Good experience in troubleshooting the development issues in the REST APIs on the AWS platform.
* Maintain Test environment, Dev environment and QA environments, perform Pilot Migration/upgrade prior to the actual Migration.
* Executing the test plans on web and mobile (Apple & Android) as per requirements.
* Implemented simulator for Mobile App Testing in Android Platform using Appium.
* Involved in developing the automation script for Mobile Native applications (IOS, Android) using Appium, Java.
* Used Appium for native, hybrid Mobile Application Testing for iOS and Androidplatforms
* Developed the Automation Framework in Cucumber using Selenium-Watir, YAML for Test Data, and Cucumber Gherkins for testing both Web based applications as well as the REST based Web Services.
* Developing automated test scripts for every Scenario identified and involved in running with Selenium Web Driver using Ruby/ Cucumber for Iteration Testing.
* Used Java for developing the automation scripts for the REST based web services.
* Good experience in automation of the REST APIs using the Java and Rest Assured.
* Extensive experience in automating the UI using the Java Selenium along with the Cucumber framework.
* Extensive experience on writing the automation scripts from scratch for the Database migration from the Oracle to PostgreSQL.
* Very good experience on the platform support and client support both in production and non-production.
* Very good experience in understanding the requirements and worked closely with the Product owners in the design and other critical meetings.
* Participated in building the CICD pipelines.
* Specialized in user requirement analysis, documenting test plans, execution of test cases to verify application functionality against business requirements, by using Selenium WebDriver.
* Developed automated tests based on written test cases using Keyword Driven Tests, inputs to test the multiple sets of data by using Selenium.
* Good knowledge on TestNG, Junit framework for Functional and Regression testing, Maven and Ant for Project building tool, Jenkins for Continuous Integration.
* Used Firebug Tool to identify the Object's id, Name, XPath, link in the application.
* Used Selenium WebDriver and JUnit to run the Test Scripts and involved in writing the acceptance criteria and Test cases for the stories assigned in JIRA.
* Written extensive programming in JavaScript for automating the functional and regression testing through Protractor which is an End-to-end testing framework for Angular JS application.
* Developed automation framework to test SOAP based web services using SOAPUI tool.
* Experience in using SoapUI tool for testing SOAP and REST Web Services based on validating XML, JSON, WSDL using various assertions and different protocols such as HTTP, HTTPS, and SOAP.
* Tested all backed REST APIs using Postman, Swagger, Rest Client & SOAP UI.
* Good knowledge on TestNG, Junit framework for Functional and Regression testing, Maven for Project building tool, Jenkins for Continuous Integration.
* Extensive experience in GUI, Regression, Functional, Integration, System, User Acceptance (UAT), Sanity, Security and Database Testing.
* Performed Continuous Integration of code and scripts using Jenkins and triggered the Continuous Delivery process using Jenkins build jobs.
* Tested and analysed web services and wrote detailed reports. Provided ongoing technical support to businesses and end users.

# Client: CVS Health, Irving, TX (May 2018 – Nov 2019)

# Role: QA Engineer

# Project Description:

# CVS Health is an American health Insurance company which owns CVS Pharmacy, Retail Pharmacy chain, it is the largest for-profit managed health care company. It focuses exclusively on health care benefits of their clients. It meets the national standards of healthcare.

**Responsibilities:**

* Interacted with the Business Clients, Product Owners, Developers and QA Manager for clear exposure to trickle down the technical/functional User Requirements & Change Requests to Test Plans and Test Scenarios.
* Identified test cases to automate. Automate those test cases using Selenium Web Driver, TestNG and Java technologies (Eclipse IDE). Contributed in framework creation.
* Perform Functional Testing, Regression Testing, System Integration testing, (UAT) User Acceptance testing, and End to End Testing.
* Responsible in executing Selenium test scripts on different browsers and checked for compatibility.
* Tested the application in highly dynamic environment with scrum team using agile methodology.
* Automated the Test cases using Selenium for Regression testing and TestNG for grouping the tests.
* Extensively used methods like Get Text (), Get Title (), Drag and Drop, keys, Select, List Array, Iterate, implicitly wait, 'iframes’, Menu options, Actions etc., to build selenium  automation test scripts
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application's functionality and in the testing, environment using Selenium Web Driver.
* Involved in creation of automation framework in Selenium Web Driver using behavior data driven approach like Cucumber. Extensively used Page Objects design and page navigation framework for readable test script and easy maintenance from developer perspectives.
* Created automation framework using POM- Page Object Model, and Data Driven framework to test web application. Thorough understanding of POM using Page Factory.
* Involved in using Jenkins as a Continuous Integration server to configure with Maven.
* Used Selenium Web Driver API to automate tests on cross browser and cross platform environment. Sound knowledge on Object Oriented Programming concept and Java Language.
* Integrated Automation scripts (Selenium Web Driver API) on Continuous Integration tools Jenkins for nightly batch run of the Script. Created Project plan on Jenkins, configured scheduled using Cron job.
* Involved in Functional Testing as Method test, Test Suite, Integration Testing using different TestNG methods.
* Configured Selenium Web Driver, TestNG, Maven tool and created selenium automation scripts in java using TestNG prior to agile release.
* Implemented simulator for Mobile App Testing in Android Platform using Appium
* Tested Mobile Web and Mobile Native applications on iPhone, iPad, Android, Windows Mobile, iPod Touch and PC client by testing manually and using Automated Test
* Responsible for articulating, implementing, and supporting continuous integration using TFS and Team Build
* Automated REST API using Rest Assured API's configured into Maven POM.XML and code multiple methods to send requests and receive the responses and validate the https status codes
* Involved in testing Web Services using Ready API/SOAP UI tool by consuming the WSDL file
* Developed test scripts for web services using SOAP UI and worked with XPATH
* Used XPath for both in database operations and in SOAP response verifications
* Identified the Test Scenarios based on Functional Specifications and Business Requirements
* Performed web services testing with SOAP UI for employee login validations
* Used firebug to identify object's ids, Name, XPaths, links in the application
* Used HP Mercury Quality Center/ALM for Test Management for functional Test Automation
* Provide all data validation through SQL queries UNIX commands to perform Back-end testing

# Client: State Street, Boston, MA (June 2015- April 2018)

# Role: QA Automation Test Engineer

# Project Description

State Street offering mortgage & investment solutions, personal & business banking services, phone & online banking, a wide range of commercial and consumer loans and deposit products, as well as specialized financial services for complex financial needs, headquartered in Boston.

**Responsibilities**

* Analyzed User stories, Business requirements, and Functional documents and participated in Sprint planning and Scrum meetings.
* Responsible for working within a team to create, document and execute testing strategy, test plans, test cases and test scripts.
* Designed, executed and maintained Selenium Web Driver automated test scripts for system and regression test cases
* Used Xpaths for locating dynamic web elements.
* Regression test cases were written and automated using Selenium
* Performed Manual Testing and Automation Testing of the application.
* Worked on Agile Environment and actively participated in sprint planning, Scrum, grooming sessions, and Sprint review & retrospective meetings
* Involved in design and implementation of Selenium WebDriver automation framework for smoke and regression test suites (TestNG).
* Scripted on data driven framework using excel following TESTNG framework
* Created test scripts using TestNG, selenium and Java as programming language.
* Created TestNG XML for creating test suites.
* Used extent reports to generate automation reports
* Implemented Selenium testing platform and using test scripts with Eclipse IDE, writing Selenium Web driver scripts & Selenium for automated testing.
* Execute the Test cases and review the results to get the Business approval for UAT
* Experience in Web Services testing using Rest and SOAP UI.
* Experienced in writing SQL queries to perform backend database testing.
* Performed Cross Browser Testing.
* Executed Browser Compatibility Testing (IE, Firefox, Chrome, Safari), Parallel testing of the Web based application.
* Performed validation of the test cases to ensure that all the requirements were being adequately met using requirement traceability matrix.
* Devised work around when there were show stoppers/issues and ensured that testing completed within the deadline, Retest/Close the defects fixed by the developers.
* Involved in reporting the daily status of testing activities to testing Manager.

# Project: Palm One, Bangalore, India (Nov 2008 – Aug 2009)

# Role: QA Tester/QA Analyst

**Project Description**

This Project involved in design, develop, execution and integrating of test cases for the Palm desktop application functionality testing for the features like date, address, To Do memo, expense, notepad and Voice Memo and localization testing of Palm Desktop application.

**Responsibilities**

* Studied and understood the functionality of the application under test
* Wrote test cases based on the FRS
* Used Quality Center for tracking and reporting, also followed up with the development team to verify bug fixes, and update bug status
* Manually performed Functional testing that includes Security, Module and System testing
* Performed Negative testing to find how the functions and variables perform when they encounter invalid and unexpected value
* Load the requirements and test cases in Quality Center (QC)
* Wrote the test cases in QC
* Execute and track testing process using Quality Center (QC)
* Prepare and execute functional testing activities for the application
* Participated in defining strategy for the regression test automation
* Analyzed results of the tests by creating reports in Quality Center (QC)
* Analyzed Results with Business Analysts.
* Performed Peer reviews

# Project: Orbitz. Bangalore, India (Dec 2007-Oct 2008)

# Role: QA Tester

**Project Description**

Orbitz is a leading online travel company offering leisure and business travelers the widest selection of low airfares, as well as deals on lodging, car rentals, cruises, vacation packages and other travel. This fulfills the needs of categories: Flight booking, car booking, Hotel booking as well as combination of Flight+ Hotel, Hotel+ Car, and Flight + Car bookings depending on your trip. Orbitz is providing the automated alerts like weather conditions, arrival and departure timing, and gate changes. As well as you can receive the status by calling their toll-free number.

**Responsibilities**

* Studied and understood the functionality of the application under test
* Used Quality Center for tracking and reporting, also followed up with the development team to verify bug fixes, and update bug status
* Manually performed Functional testing that includes Security, Module and System testing
* Performed Cross Browser Testing
* Performed Negative testing to find how the functions and variables perform when they encounter invalid and unexpected value
* Load the requirements and test cases in Quality Center (QC)
* Wrote the test cases in QC
* Execute and track testing process using Quality Center (QC)
* Prepare and execute functional testing activities for the application
* Participated in defining strategy for the regression test automation
* Analyzed results of the tests by creating reports in Quality Center (QC)
* Analyzed Results with Business Analysts
* Performed Peer reviews
* Used Waterfall Project development model
* Participated in Weekly review meetings