**Venkat**

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**Professional Summary:**

* 8+ years of extensive experience in Analyzing, Designing and Implementation of QA testing strategy for Web/mobile based and Client/Server applications using manual testing and Automation testing tools.
* Experience in all stages of the Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) and in all dimensions of Functionality, Usability & Reliability.
* Experience in Software Development Engineer in Test (SDET) focused on testability, robustness, and performance and creation of designs for production software.
* Experience in both Waterfall and Agile project environment.
* Expert in developing Java Selenium Web Driver/RC/IDE/GRID test scripts using Java, JavaScript and Test Frameworks using Testing/JUnit, ANT/MAVEN build tools.
* Hands on experience in Test automation using different Automation tools/techniques, Unit testing by using Selenium Web Driver/IDE/GRID, TestNG, Maven, Fire Path, running scripts, Debugging scripts in different environment, Extracting Test results, Cross browser testing, and data validation.
* Experienced with SOA, Web Services, SOAP, Soap UI, RESTFUL, WSDL technologies.
* Involved in SOA testing includes developing test scripts in manual and automated testing environments, logging and recording test results, developing test scenarios, identifying and analyzing test errors, and maintaining test scripts.
* Experienced in White Box testing by authoring python Codes in Selenium Web driver.
* Involved in functional testing, black box testing, negative testing, compatibility testing, and recovery testing.
* Created and Maintained Server - side Integration Test using Python and Selenium Webdriver.
* Experience in testing native apps on iPhone, Android and iPod devices manually.
* Used Ranorex too, Appium for testing current and early Android applications.
* Experienced in using HP Interactive automated testing tools like Quick Test Pro and Quality Center.
* Proficient in using Quality Center, Rally, JIRA, Clear Quest, Bugzilla.
* Experience in Back-end testing, data validation, Database testing using SQL queries and cloud web services like MS Azure.
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using Quality Center, JIRA, IBM Clear Quest, Bugzilla.
* Used JMeter for analyzing and measuring the performance of the automated web portal/applications.
* Used open source environment in Linux and UNIX Platform Web application testing.
* Experience in writing and executing SQL queries to perform Data Validation and Back end testing of databases to check the integrity of data.
* Hands on experience with micro services and rest assured API testing.
* Designed and implemented re-usable Automation test scripts using industry standard tools like QTP or open source tools.
* Experience understanding the code written in different programming languages VB Script, Java Script and databases like Oracle, SQL Server.

**Technical Skills:**

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| **Testing Tools:** | Selenium Web Driver/IDE/GRID, Mercury QTP, HP Quality Center, JUnit, Log4J, Firebug, FirePath, TestNG, JXL, SOAPUI,Coded UI |
| **Language/ Script** | Java, JavaScript, Shell Script, VBScript(UFT),C, C#,Python |
| **Frameworks** | Junit, TestNG, TDD, Cucumber, POM |
| **Firefox Addons:** | XPath, Firebug |
| **Web development** | HTML, VB Scripts, XML, CSS, Flash, JavaScript |
| **SOA Technologies** | SOAP, REST, WSDL, UDDI, Web Services, SOAP UI |
| **BugTracking Tools** | HP Quality Center, BugZilla, Visual Studio TFS, JIRA, Rally |
| **Build/ CI Tools** | Maven, Jenkin, Jenkins, Hudson, Bamboo |
| **Databases Technologies** | MS SQL Server, Oracle 9i/10g, Oracle PL/SQL, TOAD |
| **Platforms** | MAC, Windows, UNIX, Linux |

**Professional Experience:-**

**Client: Verizon, CA Jan 2020 - Present**

**Role: QA Automation Engineer**

**Responsibilities:-**

* Experience building automation framework from scratch using Selenium webdriver, JAVA, Junit and Eclipse.
* Worked on Agile/Scrum Methodology involved in giving points to User Stories, Back log grooming, User story demos, attended retrospective meetings and worked on Iterations (Sprints) part of releases.
* Good experience on Test Automation using Selenium Web Driver, TestNG Framework and Maven.
* Experience in Functional Testing, Data Driven Testing, Load Testing and Validating WSDL using SOAPUI.
* Utilized role in mobile testing using Appium Mobile for testing client's m platforms
* Implemented open source tool Appium, Selenium Web Driver for cross browser and cross platform web/Mobile testing.
* Created and executed SOAP UI Scripts for the Web Services testing
* UsedAgile methodology to ensure the new features meets the customer requirements and acceptable quality assurance standards.
* Experience with Test Automation tools such as Selenium,TestNG, Jmeter, Junit.
* Experience in creating Cucumber BDD (behavior-driven development) framework and automating BDD scenarios in Eclipse using Java script.
* Written Gherkins and Java scripting automation test scripts to execute in cucumber.
* Implemented Page Object Model Automation framework with Java, Selenium Web Driver and cucumber
* Web Service testing (RESTful API) and Automation using Apache JMeter using JSON, XML payloads.
* Install and configure System Administration packages to QA environment such as Python, and SQL.
* Used Python for dynamically generating property list for every application. Automated data movements using python scripts.Creating core python API which will be using among all modules.
* Generated Python Django forms to record data of online users and used PyTest for writing test cases.Developed and Consumed RESTful APIs for web applications using Python and Django.
* Write SQL Queries in ALM to generate base data to excel. Summarize the daily, weekly and monthly status reports by test scenario, test case and test steps.
* Tested the workflow through the front end to backend using SQL queries to ensure data completeness, integrity and accuracy.
* Wrote Automation scripts using PhandomJSdriver to run the tests on headless browsers for automating order placement and account management scenarios.
* Developed LoadRunner scripts for Data Creation and Functionality of SAP CRM, ERP via SAP GUI.
* Excellent experience of build tools like Maven and managing JAVA automation projects using them.
* Configure the JIRA workflow for the project for improvement processes for screens, workflow procedures and reports of applications as per business requirement.
* Identifying, analyzing and documenting all the bugs observed during testing and create a ticket in the Jira.
* Responsible for developing the scripts to support Jenkins (Continuous Integration) of the scripts with the build server.

**Environment:** Java, Selenium WebDriver,Appium,Eclipse, Test NG, SOAPUI, Cucumber,Maven, Jenkins,JMeter, Python, HP ALM, SAP GUI, Phandom JS, Django, HTML, XML, Agile, JIRA, ERP, SQL, and Windows.

**Client: Broadcom, CA Sep 2017 – Dec 2019**

**Role: QA Automation Engineer**

**Responsibilities:-**

* Assessed and analyzed Agile user stories and participated in Sprint planning, Review Sessions &Scrum Meetings and developed Test Scenarios, Test Cases, Test data, Test reports.
* Used Hybrid, Keyword/ Data Driven framework and extracted data from external Excel files using Apache POI.
* Tested the application in highly dynamic environment with sprint team using Agile methodology.
* Performed BDD (Behavior Driven Development), ATDD (Acceptance Test Driven Development) using Cucumber Features, Scenarios and Step Definitions in Gherkin format.
* Created automated test scripts using Selenium and JUnit.
* Managed the framework dependency jars using Maven and Maintained the resources in source controls like Git, Jenkins for improvements and new features.
* Performed load tests using JMeter.
* Involved in Web services testing using SOAP UI Tool.
* Added assertions to validate the XML in Webservices SOAP and RESTFUL service.
* Used Jira for Defect tracking and project management.
* Developed custom libraries for automation using JAVA & Selenium WebDriver.
* Designing and implementation of UI Automation Strategy and POC with Protractor.
* Used OOPS C# as a programming language and Visual Studios as IDE for automating the Test Suite with Selenium WebDriver.
* Developed script and performed Rest API testing using Postman with JSON for Regression testing, Sanity, & Smoke testing
* Organized and facilitated Sprint Planning, daily stand - up meetings, Reviews, Scrum Meetings, Retrospectives, and Demos etc.

**Environment:** JIRA, Java, Selenium WebDriver, Junit, SOAPUI, Maven, Eclipse, WSDL, XML, Agile, Quality centre, GitHub, Java, Selenium WebDriver, C#, Jenkins, Cucumber, Gherkin, Protractor, TestNG.

**Client: Humana - Louisville, KY June** **2015 – Aug 2017**

**Role: QA Automation Engineer**

**Responsibilities:-**

* Involved in writing end-to-end test cases as well as automating them for web interface and also on Mobile.
* Performed automation scripts on Java, JBehave(BDD tool) and spring platform.
* Developed smart steps by using core java.
* Created customized XPath to identify Web Elements.
* Responsible for co-ordination between the offshore automation teams and onshore teams.
* Responsible for understanding the Business and System/Functional requirements for the upcoming releases and plan for the testing effort and test cases for the same.
* Used SOAP UI tool to test SOA based architecture application to test SOAP services and REST API and Cloud web services like MS Azure.
* Written and executed automated API scripts for backend application using Rest AssuredAPI testing.
* Written and executed scripts in APPIUM for testing native applications and mobile-web applications.
* Providing automation expertise to new automation engineers and functional QAs by mentoring and helping them in setting up of automation framework and preparing them to follow programming best practices to write efficient automation scripts.
* Writing user story for automation scripts using JBehave(BDD framework).
* Responsible for doing code reviews using Crucible for automation scripts and new enhancement in automation frameworks.
* Involved in testing using JMeter to analyze and measure the performance of web applications.
* Responsible for running automation jobs using CI tools (Bamboo, Jenkins).
* Interacted with developers to resolve the bugs as well to request unique attributes for automation.
* Attended weekly status meeting to discuss critical blockers/issues/concerns.
* Attended retrospective meetings to discuss the current story as well as give points depending on the functionality.

**Environment:** Selenium, JBehave, Page Object Model Pattern, Maven, GIT, SVN, Browser stack, Espresso, Perfecto, Bamboo, Jenkins, Rally.

**Client: Branch Metrics, CA Dec 2014 – June 2015**

**Role: QA Engineer**

**Responsibilities:-**

* Responsible for running the QTP (Quick Test Professional) in order to provide functional and regression test automation for software applications and environments.
* Performed manual testing on the whole application before going for the automated testing.
* Using QTP Automation testing of Web based applications was performed.
* Used Quick Test Professional (QTP) for regression testing and running the automation suite.
* Worked on ETL/Backend testing by writing the queries.
* Develop automation scripts in Quick Test Professional(QTP) to automate smoke and regression testing.
* Involved in identifying Integration User-stories and tasks during the Sprint Planning Sessions.
* Participated in using Quality Centre/Test Directors for bug tracking.
* Used SOAP/REST services using SOAP UI, Groovy Script to test the services.
* Involved in Web Services Testing using WEBUI, SOAPUI with REST to create and execute automated functional, regression, compliance, and load tests.
* Used FACETS Analytics for fast and easy retrieval, display and grouping of information for performing queries and generating reports.
* Tested the changes for the front end screens in FACETS related to following modules, test the FACETS batches (membership, Billing, Provider, etc).
* Used Black box and white box testing.
* Very extensive and recent hands-on technical, functional and project management experience with Oracle Customer Care and Billing (CC&B), through release 2.4.3 (SP3).
* Extensive experience integrating Oracle CC&B and RMB products with Oracle EBS financial solutions.
* Involved in analyzing the requirements document to formulate the test cases and conducted manual testing for the entire application.
* Executed test cases manually and reported defects and Involved in analyzing the requirements and making the test plans.
* Attended Daily defect scrum meeting with team leads, managers, system analysts and business analysts to discuss the issues found during various testing process.

**Environment:** QTP 10, Web Spear, MS- Team Foundation Server, Agile Methodology, Web UI, Jira, SOAP, REST, Quality Center.

**Client: Parexel International, IN March 2012 – Dec 2013**

**Role: QA Engineer**

**Responsibilities:-**

* Involved in writing Test Scripts for the main application functionality such as validation, business workflow.
* Prepared Test data for Test Cases after detailed analysis of client requirements and functionality.
* Participated in Functional, GUI, Regression and Ad-hoc Testing.
* Reviewed Business Requirements Documents and involved in developing the Test Planning Document.
* Developed Test Cases, Test Scenarios and Test Plans and Defect reports for enhancements.
* Performed defect tracking using Quality Center and later the defects were linked to specific test cases for traceability.
* Involved in End-to-End Testing and performed User Acceptance Testing for the applications.
* Scripted and worked on SQL statements to perform verification and validation of the data.
* Resolved issues with the coordination of testing and development teams.
* Actively participated in Weekly Review meetings and Weekly status meetings.
* Manually checked with the results from the application execution and captured the SQL statements.
* Coordinated in whole UAT process and also involved in UAT documentation preparation.
* Worked on HP Quality Center to raise and track the defects.
* Performed Back-End testing by writing and using SQL queries.

**Environment:** Manual Testing, Quality Center, QTP, UAT, Oracle, SQL, PL/SQL