**PRASHANTH KUMAR VAVILALA**

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#### PROFESSIONAL SUMMARY:

* 9+ years of experience in Software Quality Assurance in Automation and Manual testing using Soap UI, Selenium and UFT as tools.
* Experience in all phases of **Software Testing Life Cycle (STLC)** and good exposure to **Software Development Life Cycle (SDLC).**
* Developed and maintained automated regression test cases in **Selenium Web Driver** using **Java** in Eclipse/IntelliJ. Developed test scripts to automate process of testing in Selenium IDE and Web Driver.
* Experienced in all phases of lifecycle including requirement gathering, risk analysis, project planning, scheduling, testing, defect tracking, reporting and managements.
* Expert in automated testing as well as in manual testing using tools such as **Eclipse/IntelliJ**, **UFT/QTP, Rally/ALM/QC, SOAPUI, Selenium Web driver, Nodejs, Cypress**.
* Experienced in developing use cases, user interface specifications, and user requirement specification documents.
* Experienced in performing Data driven testing to validate the components displayed on the website using Selenium.
* Hands on experience in Developing Automation Scripts, Execution and Analysis Test Results using **Hybrid, Keyword Driven Framework and Data Driven Framework** in Selenium.
* Experienced with debugging using Firebug, Chrome or IE development tools.
* Excellent interpersonal and communication skills with the ability to understand and explain both business and technical needs from and to clients and customers.
* Good knowledge in **Database Testing using SQL, MongoDB**.
* Done POC on Playwright Cucumber Framework and Protractor Cucumber Framework.
* Worked on web services based on **SOAP** and **REST** using **SOAPUI**.
* Proficient in different software development methodologies like **Agile Methodology, Waterfall model, Hybrid, Iterative model and V-model.**
* Strong Analytical and Problem-Solving skills. Quick learner of new software/tools, self-starter, can work independently and in a team.
* Conducted functional, load, smoke, GUI, integration, and regression testing.
* Good experience in working with **bug tracking tools and defect management**.
* Created test documents like Status Report, Summary Reports, Test Logs, Test sign-off, Maintain issue, Traceability Matrix and defect databases.
* Ability to interact with Business Analysts and developers regarding functional requirements, bugs, enhancements and test case review meetings.
* Generated Reports using ALM at the time of execution and releases.
* **Driven Daily Stand up meetings with the team to get high-level status from team members and discuss any roadblock**.
* Good understanding of project management methodologies
* Team Player with Good Presentation/ Communication skill, Project Management.
* Test Data lead for all quality assurance middleware services.

**TECHNICAL SKILLS:**

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| **Testing/Management Tools** | UFT/QTP, ALM Quality Center, Selenium (IDE, RC WebDriver), Selenium 2.2,2.3,2.35,2.4 SOAP UI, Maven, Junit, Visual Studio 2013. |
| **Programming Languages** | Java, SQL, HTML5, CSS, JavaScript, Typescript,UFT/QTP, Selenium, Maven, Junit, Testng,Visual Studio 2013. |
| **Operating Systems** | Windows, UNIX and LINUX |
| **Web Technologies** | HTML, CSS, XML, JSON and XPATH |
| **Application Servers** | Jenkins and Tomcat,Circle CI |
| **Others** | Eclipse, IntelliJ, Firebug |
| **PC Applications** | MS Word, MS PowerPoint, MS Excel and Visio Tools |

**The OCC, Chicago Oct 2021 – Till Date**

**Lead Quality Automation Engineer**

**Responsibilities:**

* Build software test frameworks, write automation scripts from scratch, and test the end-to-end system Investigate test failures daily and report defects and prioritize them
* Create/maintain scripts that control code deployment to test environments on daily basis
* Architect, design, and implement software test automation frameworks from the ground up into a continuous integration and execution model
* Coordinate with Scrum team and development counterparts in overseeing software bug tracking, test prioritization, test automation, and release
* Review technical software requirements and estimate test efforts.
* Develop new and updated existing software test cases, with focus on Test Automation.
* Performed API validation using Postman.
* Done POC on Playwright Cucumber Framework.
* Developed cypress framework to automate UI and used Java script, NodeJS and NPM for Angular based user interface.
* Performed UI and API testing using cypress.
* Worked closely with the development team, business stakeholders and customers
* Performed cross-browser testing for the web interface, and mobile application using browser stack.
* Automated API using Rest assured and maven.
* Responsible for CI/CD to validate feature branches using Jenkins.
* Used APM on AWS to monitor the application performance.
* Mocked the data and stored on S3 services for validation.
* Used Splunk for analyzing production metrics and logs.
* Designed and developed Test Plan, Test case and automates Test Scripts.
* Managed code deployments to production and carry out post deployment verification.
* Built clear, concise, and complete test-related documentation
* Ability to collaborate with Architects and other teams to deliver on larger projects
* Participated in all aspects of QA within the company implementing approaches and strategies for the software development lifecycle using automation where possible.
* Identify software problems during testing, determine steps to reproduce them, and enter them into a defect-tracking database with detailed troubleshooting
* Trained and mentored other team members (both developers and testers) and promote best development practices.

**Environment**: Jira, vscode, IntelliJ, GitHub, Postman, Jmeter, Microsoft office, Web Services, JavaScript, TypeScript,page-oriented model (POM), SQL, Cypress, NodeJS, NPM, Splunk, MongoDB.

**Optum, Raleigh Aug 2018 – Sept 2021**

**Lead Quality Automation Engineer**

**Responsibilities:**

* **Extensively involved in all stages of testing life cycle, Test Driven Development methodologies and Software Development Life cycle (SDLC) using Agile, Scrum methodologies.**
* Developed test scripts to automate process of testing in Selenium WebDriver.
* Developed and maintained automated regression test cases in Selenium WebDriver using Java programming language.
* **Developed Scripts using JAVA Selenium WebDriver combo for user module application**.
* Exported Test Case Scripts in IntelliJ IDE and modified the selenium scripts and executed.
* **Run tests** using **Sauce labs in different browsers**.
* As part of compatibility testing, executed the workflow manager web application related test cases on different browsers like **Internet Explorer and Chrome** on different Operating Systems
* Wrote acceptance test using BDD Cucumber, Java.
* Performed usability, GUI, Functionality and regression testing of the new builds.
* **Configured Selenium Web Driver, Maven tool and created selenium automation scripts in Java using JUNIT and page object model (POM).**
* Involved in creating automation test suites for progression & regression testing in Soap UI. The messaging formats included REST based clients with XML and JSON payload.
* Used Apache POI to read data from Excel sheet.
* Member of **Pre-Go-Live production s**upport team helping users monitoring and resolving issues.
* Involved in writing automated scripts for angular JS application using Selenium and Java scripts.
* Configured Jenkins based on Module structure for each client to perform parallel Testing.
* Performed continuous integration automation testing using Jenkins.
* **Status reporting and test updating in Rally**.
* Validated **Rest API s**ervices using Postman/Soap UI.
* Extensively worked with Version Control Systems **GIT**.
* Involved in Design and Development of hybrid automation framework using Selenium.
* Driven Daily Stand up meetings with the team to get high-level status from team members and discuss any roadblock.
* Defined and executed functional, usability, regression and automation tests on the application.
* Responsible for component Performance Testing of the application using **JMETER**.
* Identified the risk in Go-Live and communicated to business and team leaders respectively.
* Performed Log format validation using **Splunk** and **Elastic search**.
* Coordinated and helped UAT users in completion of complex business logics.

**Environment**: Rally, Inetlij, Oracle SQL Developer, GIT, Postman, Jmeter, Splunk, Elastic Search, Microsoft office, Web Services, JavaScript, Firebug, page-oriented model (POM), SQL.

**Wells Fargo NA, West Des Moines Aug 2016 - July 2018**

**Lead Quality Automation Engineer.**

**Responsibilities:**

* Participated in complete **software testing lifecycle (Requirement Analysis, Test planning, test cases and scripts development, Test cases execution, Test results Analysis, Defect retesting, releases.)**
* Involved in complete **Software Development Life cycle (SDLC)** using **Agile, Scrum methodologies**.
* Worked closely with business analysts, mapping team and developers to articulate test plans, test strategies and test cases.
* **Analyzed the BRD and FDD,** to build the test plan, strategy, requirements and necessary resources.
* Identify risks to testing and communicate to the QA Manager.
* Worked on **Functional, Integration, Regression, Smoke, SIT and User Acceptance Testing(UAT)**.
* Test Data lead for all quality assurance middleware services.
* Executed scripts for SOAPUI web services and generated XML messages.
* Proficient with testing REST APIs & Database testing
* **Implemented and automated regression test scripts based on business requirements using UFT.**
* Responsible for the use of ALM for Requirement Traceability Matrix Tracking and test execution for multiple releases.
* Performed manual testing to verify the expected results.
* **Developed optimized UFT scripts for regression testing with data sources.**
* Used **SQL queries** as part of back end testing to extract data from various tables to compare the actual results from the application.
* Identified UAT test scenarios and test cases to run during the UAT cycle.
* Updated the projects ALM instance with these UAT scenarios to ensure proper documentation.
* Prepared test data for testing the application in various SIT/UAT test phases.
* Assisted UAT users in executing with these test cases to ensure timely completion of the UAT cycle.
* Coordinated Defect Triage meeting with the project team to review and resolve UAT defects.
* Performed various test on application for best performance and high security.
* Provided a daily test execution report to management that includes Test Matrix, percentage complete and defect reports.
* Driven Daily Stand up meetings with the team to get high-level status from team members and discuss any roadblock.
* **Driven defect meetings with Development/mapping and business teams to understand the complexity of the defects fix estimates and analysis with team to prioritize defects and retesting estimates.**
* Used ALM for Defects and issue identification, logging, tracking, resolution, and reporting.
* Generated Reports using ALM at the time of execution and releases.
* Helped ALM Administrator to maintain users, groups, domain, projects, and policies
* Hand on **experience of** **tortoise SVN for sharing files and version control of Documents**.
* Participated in daily scrum meeting of managers and provided status for testing and discuss any roadblocks.
* Used Reflection Workspace to access green screen/MSP (Mortgage Servicing Platform) and manage different accounts with different data.
* Developed and executed automation regression scripts using UFT.
* Executed automation regression scripts using JAVA and selenium for CORE automation.

**Environment**: HP ALM, QTP/UFT, Oracle SQL Developer, SOAPUI, Tortoise SVN, Notepad++, Attachmate Reflection workspace, Snag It, Mainframes, Microsoft office and Windows 7/10

**Beacon Technologies Group Inc., IN July 2015 – July 2016**

**Selenium Automation Tester**

**Responsibilities:**

* Conducted **Functionality and Regression testing using Selenium**.
* Performed Functional testing, Smoke testing, Performance testing and Unit Testing.
* Used Maven for build and reporting. Automated builds using **Subversion** and **Jenkins**. Developed and maintained automated regression test cases in **Selenium WebDriver using Core Java in Eclipse IDE**.
* Developed test scripts to automate process of testing in Selenium WebDriver.
* As part of compatibility testing, executed the test cases on different browsers like **Internet Explorer, Mozilla Firefox and Chrome using Selenium Web Driver.**
* Followed Agile methodology and involved in life cycle testing, functionality testing, integration, defect tracking and testing for accuracy in work flow plans, Gathered, Analyzed, evaluated system requirements and formulate the Test cases.
* Took responsibilities of gathering end user requirements and preparing test reports, Assigned the tasks of identifying defects and preparing test defect reports by using quality analysis tools, handled responsibilities of performing manual testing of various applications.
* Performed the tasks of supporting senior application tester in handling application issues and risks.
* **Performing Testing of the application on different platforms like, mobile devices and tablet includes functional testing, usability testing, UI Testing, Compatibility testing, system testing, Smoke testing, Retesting, Regression testing**.
* Good Knowledge on web services tools Rest API and understanding of HTTP code responses.
* Assigned responsibilities of performing application testing timely and accurately, performed tasks of participating in system integration and testing to meet customer application requirement for both iOS and Android.
* Test on different mobile for site on all supported version and device. Associated with team lead for developing System Test Plan and Test Cases with detailed testing scope, strategy, hi-level test requirements, validation and necessary resources.
* Created templates to UAT handovers and presented it to UAT users. Managed Build Calendars that tracks the builds during QA and UAT cycles. Involved in UAT face with business. **Writing SQL queries to validate data.**
* Automated the functional test cases using Selenium web testing tool.
* Developed automated test plans and created automated test script using Selenium Web Driver.
* Performed manual/web testing using Selenium IDE.
* Wrote Test Cases and performed manual testing, Positive testing and Negative testing.
* Creating the **Re-Usable Components for Automation test Cases**.
* Sent reports to all team members with daily status to track the updates in Testing.

**Environment:** Appium, Selenium WebDriver, TestNG Framework, Java, Eclipse, Web Services,

**Blue Cross Blue Shield, FL March 14 – June 15**

**Selenium Automation Tester**

**Responsibilities:**

* **Extensively involved in all stages of testing life cycle, Test Driven Development methodologies and Software Development Life cycle (SDLC) using Agile, Scrum methodologies.**
* Developed test scripts to automate process of testing in Selenium WebDriver.
* Developed and maintained automated regression test cases in Selenium WebDriver using Java programming language.
* **Developed Scripts using python Selenium WebDriver combo for user module application**.
* Exported Test Case Scripts (Java-Selenium RC) in Eclipse IDE and modified the selenium scripts and executed.
* **Run tests by using Selenium remote control in different browsers**.
* As part of compatibility testing, executed the workflow manager web application related test cases on different browsers like **Internet Explorer and Mozilla Fire Fox** on different Operating Systems
* Wrote acceptance test using BDD Cucumber, Java.
* Performed usability, GUI, Functionality and regression testing of the new builds.
* **Configured python Web Driver, TestNG, Maven tool and created selenium automation scripts in Java using TestNG framework and page object model (POM).**
* Involved in creating automation test suites for progression & regression testing in Soap UI. The messaging formats included REST based clients with XML and JSON payload.
* Used Apache POI to read data from Excel sheet.
* **Involved in Mobile testing includes app testing, test automation for web application. Testing Mobile native applications by using Appium, Java.**
* Involved in writing automated scripts for angular JS application using protractor and Java scripts.
* Performed continuous integration automation testing using Jenkins.
* **Status reporting and test updating in Quality Center/ALM**.
* Extensively worked with Version Control Systems GIT.
* Involved in Design and Development of hybrid automation framework using Selenium.
* Defined and executed functional, usability, regression and automation tests on the application.

**Environment**: Appium, Selenium WebDriver, TestNG Framework, Java, Eclipse, XPath, Cucumber, Web Services (RESTFUL, JSON), JavaScript, Firebug, Windows, Jenkins, SOAPUI, page-oriented model (POM), SQL.

**EDUCATION:**

Master of Science Electrical Engineering

California State University, Fullerton, US

Bachelor of Technology in Electronics and Communication Engineering

Jawaharlal Nehru Technological University, Hyderabad, India