**NEERAJA VEDANAPARTY**

**Professional Summary:**

* 7 years of experience in Manual & Automation testing in all stages of Software Testing Life Cycle (STLC)
* Experienced with comprehensive understanding of all phases of Test Life Cycle, including requirements gathering, test planning, and scheduling, testing, defect tracking, and reporting.
* Expertise in understanding Business Requirement Specifications, Functional Specifications and Design documentations and converting them into Test Scenarios.
* Expertise in Backend Testing, Black-Box Testing, User Acceptance Testing (UAT), Functional Testing, Positive/ Negative Testing, System Testing, Regression Testing, Ad-hoc Testing.
* Proven ability in designing and creating automation frameworks using Java, Selenium WebDriver, TestNG, Protractor, Jasmine, Maven and Jenkins tools.
* Expert in Automation Testing (Selenium WebDriver), BDD Cucumber, Protractor Angular Testing and Manual Testing.
* Experienced in using Jira, Microsoft TFS and Azure Devops for managing test execution and defect tracking of all issues.
* Very good at HTML, CSS, Javascript
* Experienced in creating test scripts using Selenium WebDriver using Page Object Model.
* Experienced in using Jenkins as continuous Integration tool and Maven for build.
* Experience in writing good quality object-oriented code for testing purposes by following industry standard java coding standards.
* Experienced in using Selenium Grid to execute tests on different nodes and on several browsers.
* Proficient in set up Selenium tools from scratch and configuring various other peripherals tools to perform Selenium Test.
* Experienced in performing Regression testing, System testing and Functional testing using Selenium.
* Extensive experience in handling agile tools like JIRA and Azure Devops
* Exposure to different operating systems like Windows 7, Windows 8, Windows 10, IOS and Android
* Experienced in using Data Driven automation testing framework with Selenium WebDriver.
* Experience with UAT testing along with data setup, Environment setup and coordination between users, Development, Business Analyst and Product Management teams.
* Experienced in giving training to the functional testers to execute automated Test Cases as part of Regression Testing.
* Proven communication, presentation skills and Leadership Qualities
* Sound Technical knowledge, excellent exposure and ability to learn any tool quickly.
* Excellent communication, collaboration & team building skills with proficiency at grasping new technical concepts quickly and utilize the same in a productive manner.
* Experienced in designing automation testing framework for web-based application using Selenium that maintains the workflow as an end-user.
* Able to work independently and with another QA Analyst’s on project.

**Technical Skills:**

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| **Testing Tools** | Selenium WebDriver, Appium, TestNG, Firebug, Fire Path, JMeter, Selenium Grid, Protractor, JIRA, C-Sharp |
| **Web Technologies** | HTML, CSS, JavaScript, XML |
| **Defect Tracking Tools** | JIRA, Microsoft TFS, Azure Devops, VSTS |
| **Build Tools** | Maven, Jenkins, TestNG, Protractor |
| **Databases** | SQL Server |
| **Version Control** | GIT, Source Tree |
| **Operating Systems** | Windows 10/8/7/XP/2000, IOS and Android |
| **IDE & Testing Tools** | Eclipse, Visual Studio Code, Visual Studio |
| **Frameworks/Open Source** | Test NG, Selenium, Jmeter |

**Project Experience:**

**Mr Cooper, Irving, TX**

**May 2018 – To Date**

**Sr Quality Engineer/SDET**

**Project Description:** Loan Origination System (Encompass) is an UI application mainly used by Loan

officers to originate loan for processing and funding of a loan, while processing the loan, loan gets saved to ODS and will send to other applications as needed. Lending Space, Pacific Union (PACU) are other loan processing applications and send loan data to ODS to get persisted and for further processing.

**Responsibilities:**

* Perform requirement analysis and generate **Test Plans**. Identify the scope of **automation** and **performance** testing.
* Develop and maintain automation frameworks using **Selenium Web driver, Rest Assured and Test NG**.
* Automated the process of validating API response with backend and procure test data for automation/performance tests using Java POJO classes and Jackson API.
* Develop automation scripts for regression testing of Single Page Applications using **Protractor API**, **JavaScript** and **Jasmine** testing framework.
* Create build jobs to Integrate automation frameworks into **Jenkins** pipeline and achieve **continuous** **integration**.
* Integrate the existing automation framework with **Cucumber** to implement **Behavioral** **Development** methodology.
* Review user stories and create feature files using Gherkin system when feature files are not provided by business.
* Performed cross browser testing using **Selenium Grid**, implemented selenium Grid using AWS EC2 instance and Docker.
* Integrate selenium test cases with Sauce Labs for cloud testing.
* Identify the testing effort, test types required for the solution and direct the Offshore QA team. Review the automation/performance scripts created by offshore QA team.
* Review the Requirements **Traceability Matrix** with team members and ensure Bi-directional traceability is accurate.
* Develop **testing plans** for the solutions, determining the appropriate balance of **manual** and **automated** tests, as well as the types of tests (UI, web service API, functional/performance/load).
* Review **Test Plans**, **Test Cases** and selenium test scripts.
* Performed requirement and defect tracking using **JIRA**.
* Create and manage load testing frameworks using **Apache JMeter**, Linux and Amazon Web Services.
* Create load test scripts and execute load tests using Apache JMeter and Blazemeter. Monitor system under test in new relic during performance test.
* Worked with globally located **Test** and **Development** teams.

**Environment:** Jenkins, MySQL 8, Oracle 11, New Relic, Apache-JMeter 5.2.1, JIRA, Visio, Selenium, TestNG, Junit, Cucumber, Rest Assured, Postman, Postman Test Runner, Git, Java, Java Script, Protractor, Node.js, Jasmine, Blazemeter., WDIO framework using Typescript.

**DaVita, Denver, CO**

**Quality Engineer/SDET**

**March 2017 – April 2018**

**Project Description:** Med Protect provides detailed medication reviews for Village Health patients using data from the Village Health electronic medical record system. The process of identifying interventions and taking action on these interventions is a manual one.  A patient list is generated which is then reviewed by a DaVita teammate to determine whether an intervention is needed. Interventions performed by following written protocols and faxing prescribers as needed.

**Responsibilities:**

* Perform different types of testing like smoke, functional, system integration, white box, black box, gray box, positive, negative and regression testing.
* Write and ran test suites for automated and manual execution, debugged automated tests and ran manual tests as necessary to debug tests and investigate results.
* Responsible for functional and performance testing of micro services.
* Designing the test strategy and recommended test tools and frameworks.
* Defining test cases from technical specifications/User Stories and maintain the test cases.
* Worked on mocking services in Ready API
* Worked with Postgres to test the database integrity.
* Working both on manual testing and writing automation scripts in SoapUI/Rest web-services testing.
* Worked with tools Selenium Web Driver/IDE/Grid, Junit/TestNG, Quality Center, JIRA, Jenkins, maven, CUCUMBER, Fire path, Firebug.
* Automated the script development using different automation tools like Selenium WebDriver (Eclipse, Java, and JUnit). Detailed knowledge in creating XPath to find dynamic objects.
* Experienced in designing customized hybrid framework (Keyword Driven & Data Driven) using Selenium Web Driver, Java and TestNG.
* Experienced in WDIO framework with Typescript.
* Perform daily regression testing on the latest code which we get it from GitHub.
* Using groovy script to add assertions and validations for automating the test cases in Ready API (SoapUI & RESTFUL)
* Created and maintain automation scripts for regression testing of automotive supplier app on both IOS and Android using Appium.
* Create and execute performance, load, scalability, endurance and stress testing of micro services and web applications using Apache JMeter and AWS EC2 instances.
* Implemented Dynatrace on different cloud technologies like AWS, Azure and GCP . Worked on Dynatrace APM end to end implementation.
* Identified and fixed performance issues confidential instant of time by dynamic monitoring through catch points.

**Environment:** Java, Groovy script, Agile Methodology, Web-services testing, Ready API (Soap/Rest calls), Postgres(database), JIRA, Eclipse, Mac OS, Android, Linux, Selenium WebDriver, TestNG, HTML, XML, Oracle, SQL, Jenkins, Cucumber, Maven, Java script, JIRA, Eclipse, SQL Server, Apache JMeter, Dynatrace.

**NTT Data, Dallas, TX**

**December 2015 – February 2017**

**Quality Engineer/SDET**

**Project Description:** Medical Audit Software System (MASS) is a Web-based chart audit system that allows nurse auditors to reconcile patient bills with corresponding medical records. This application provides, Streamline the chart audit process, automatically generate standardized statistics, globally evaluate and improve existing charge pathways, Review, distribute, respond, resolve, and complete Action Plans online, Complete, submit, and review Meeting Minutes online.

* Performed API and Web Services testing using Postman and SOAPUI
* Involved in Requirements meeting, and creation of Test Plan &Test Cases based on Business Requirements.
* Working with an Agile Scrum methodology to ensure delivery of high-quality work.
* Performed Integration, System, Regression, and Smoke testing to test the application functionality.
* Responsible for End-to-End functional testing of application.
* Create proof of concept on automation testing using open-source tools.
* Involved in migration project to convert existing automation scripts from UFT to Selenium.
* Performed Front-end and Back-end testing.
* Reported status of the project to the Manager on a weekly basis.
* Prepared the documents related to the testing activities.
* Participated and involved in Status meetings.
* Maintained defects in Bugzilla and participated in Defect Review meetings and GO/NO-GO meetings.
* Maintained test logs, test suites and reports.
* Provided complete project status transparency to keep everyone up to date.
* Effectively communicated back and forth between the Development team and Content team.
* Make sure that all the requirements were covered by the Test Cases and performed testing

**Environment:** Bugzilla, JIRA, Java, VB Script, UFT, Selenium, Soap UI, SQL Server, WDIO framework with JAVAscript

**Comcast, Denver, CO**

**October 2013 – November 2015**

**.Net Developer**

**Project Description:** National Watchtower (NWT) is a Tier 1 Application used by Line Technicians and XOCs. NWT finds cable network related events and detects outages. It also has a workflow management component, used to dispatch line technicians to the outages for resolution. NWT scans the network looking at the health of cable modems, MTAs, and STBs. All CMs and MTAs logically grouped by fiber node, and when NWT finds something interesting with a common set of modems or a node (such as when those modems are offline, or all share a common problem) it creates an event. Events can then possibly trigger TTS ticket creation or Job creation.

**Responsibilities:**

* Creating Low-level & High-level designs, Solution Diagrams based on IT requirements.
* Created web pages, developed master page and classes by implementing **GUI using HTML, CSS**.
* Utilized **JavaScript, JQuery, ASP.Net** validations with **AJAX** control tool kit to create client-side validations.
* Involved in **object-oriented analysis, design and implementation** of web services, and to develop different application components.
* Used **ADO.NET, Entity** framework to get relational data with data services by defining data model.
* Created stored procedures for updating and retrieving data from **SQL Server 2012**.
* Used **MVC** design pattern in development of web application.
* Developed web forms using **ASP.NET and C#.NET**.
* Used **WCF JSON** and **WCF rest service** in developing and deploying on windows in line with service-oriented architecture (SOA).
* Developed unit test cases using **nUnit** framework and performed unit testing before delivering it to system testing.
* **Performed code reviews** to ensure coding standards followed during development.
* Responsible for fixing production issues, maintaining application and production support.
* Followed **Agile** methodology to design and develop different user stories.

**Environment:** C#.NET, Visual Studio 2012, ASP.NET, ADO.NET, Entity Framework, WCF, WPF, SQL Server 2012, JavaScript, JQuery, MVC, CSS and XML

Education - [**Jawaharlal Nehru Technological University Anantapur**](https://www.jntua.ac.in/)**, Information Technology, 2010.**