**Neethi K**

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**Summary:**

* 6 Years of experience as a QA Automation Engineer in different domains such as **Airline, Retail, Insurance** and **Pharmaceuticals**
* Experience in all phases of Software Development Life Cycle (**SDLC**), Bug/Defect and QA Life Cycle and in all dimensions of **Functionality, Usability, Reliability, Regression & Smoke Testing**
* Hands on experience with various testing types like GUI, Web, **Regression Testing**, **User** **Acceptance Testing**, **Functional Testing**, **System Testing**, **Integration Testing**, **E2E Testing** and **Unit Testing**.
* Experienced in developing **Selenium IDE/Web driver** scripts using HTML, CSS, Java, JavaScript, AngularJS, Angular4/7, C# Test Frame works using Testing, Ant/Maven build tools
* Experience in Web debugging tools like **XPath**, Fire path, and Firebug and provided efficient locators for strategies like Xpath and CSS to run web driven scripts
* Hands on experience in using **Appium** Emulators and **IOS** Simulators for Mobile App Testing
* Experience programming in **Java**, JavaScript, **Python**, HTML, XML and SQL on Windows XP, Vista Operating Systems and Proven ability in designing and creating automation frameworks for J2EE based applications using Java, **JUnit/TestNG**, Selenium WebDriver/IDE, ANT/Maven and Jenkins
* Experience in handling multiple windows, Alerts and Pop-ups with Selenium.
* Experience in testing with handling different methods of Select class for selecting and

Deselecting, for drop down.

* Experience in testing Client-server and web applications.
* Used **SOAP UI** and **Restful** services for testing Web Services and Protractor for testing **Angular App.**
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using **Quality Centre**, JIRA, IBM Clear Quest, Bugzilla.
* Experience in writing Test Plans, System Test Plans, **Traceability Matrix**, defining **Test Scenarios** and **Test Cases** based on business and functional requirements.
* Strong Skills in performing various tests such as, Functional, Regression, GUI, Web testing. Proficient in test execution and management of testing defects
* Working Experience on different frame works like **Data Driven**, Keyword Driven, Hybrid Driven and good knowledge in test driven development (**TDD**), Behaviour driven development (**BDD**), Acceptance Test Driven Development (**ATDD**) approaches
* Experience creating User stories in Product backlog and maintaining sprint backlog.
* Excellent problem-solving skills with strong technical background and good interpersonal skills. Quick learner and excellent team player, ability to meet deadlines and work under pressure

**Technical Skills:**

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| --- | --- |
| **QA Automation Tools** | Selenium Web Driver, Selenium IDE, QTP, Cucumber, Manual Testing, Protractor, BDD, POM, POI, Appium Emulators, IOS Simulators, SVN, MTM, TestNG |
| **Bug Tracking Tools** | Quality Centre (9/10/11), Bugzilla, JIRA, TFS, Zephyr,QTP/UFT |
| **Programming Languages** | Java, Python,C#, SQL |
| **Databases** | SQL Server 2012, Oracle 11g, SQL Developer |
| **Web Technologies** | HTML, CSS, Javascript, Typescript, AngularJS, Angular4/7, XML |
| **Framework** | Visual Studio 2008/12, Eclipse, JDK, TDD, BDD, Data Driven, Keyword Driven |
| **SOA Technologies** | SOAP UI, SOAP, REST, POSTMAN |
| **Fire-Fox Add-on** | Fire path, Firebug, Selenium IDE, Chrome Developer Tools |
| **Methodologies** | Agile (Scrum/Kanban) & Waterfall |
| **Operating Systems** | Windows 2000/XP/7/8/10, Mac |

**Education:**

Master’s in Computer Science – North Western Polytechnic University, CA 2016

Bachelor’s in Computer Science – Jawaharlal Nehru Technological University - Hyderabad. India 2013

**Professional Experience:**

**Army & Airforce Exchange Service (AAFES), Dallas, TX**

**Sr. Automation Test Engineer July 2019 to Present**

This project is a retail sector. This federal government project is especially meant for the Army and Airforce Employees where they can do shopping by logging into the online exchange site or in stores. This project talks about shopping, inventory, transaction logs, integration and configuration of different products/items in RMS to different streams like QSR, SOP, Retail, Payments, Fuel and PIM.

**Responsibilities:**

* Worked with **POS** System and involved in testing functionalities related to sales tracking, **POS** scanning, Store ISP, ordering forecast, adjustments, custom retail price and promotions in **POS**
* Created automated test Scripts to validate the functionalities of frontend web API application using **Selenium WebDriver, JAVA**
* Responsible for defining the automation framework and for using scripting languages like **Python** to create the framework and automating the test cases
* Verified test results on Database testing using query skills using **SQL** and validation
* Responsible for tracking and closing defects using **JIRA** during SIT/UAT.
* Created and Executed test plans, test scripts using **JIRA**/**UFT/QTP**
* Involved in Integration, **Regression**, Performance, Validation, **Functional** and **End-to-End** testing on store and merchandising applications that interface with **POS**
* Performed system testing, functional testing, smoke testing, end-to-end and regression testing.
* Involved in testing specific application features like adding products to cart, localization, Order flow through, Email configurations as part of **e-commerce** application testing
* Reviewed the **COS** (Condition of Satisfaction) from Agile to create the test scenarios.
* Involved in end-to-end business process on **OMS** module. Also analyzed the performance of the systems involving many orders from **OMS.**
* Carried out extensive testing on payment methods such as **Credit Cards**, **Debit Cards** and **Gift Cards**.
* Used **SOAP UI** to validate the pricing and inventory in the application.
* Tested hardware such as printers, scanners, **POS** cash drawers, credit card scanners, iPhone and iPad application.
* Designed and maintained test case, test schedules, test plan, test strategy, test assignment documents for various testing activities using **SharePoint** and **TFS**
* Involved in testing multiple **POS** apps. for iPod's, used for processing credit card transactions wirelessly in the retail stores.
* Logged critical defects in **JIRA** and worked with Dev team to fix all of these.
* Wrote and modified required **UNIX** scripts and other **SQL** validation scripts for Oracle and writing scripts in **SQL** to validate the outputs analyzed test results and creating performance evaluation reports.
* Extensively used to create & execute automation scripts, preferably using **Selenium Web Driver**
* Functionally validated Web Services delivered in **SOAP XML** format as provided in specification document.
* Created and maintained **SQL** Scripts to perform back-end testing on the oracle database. Created and executed scripts manually for Functionality testing.

**Environment:** Windows, Mobile Testing, POS, SQL, TFS,QTP,UFT, XML, JIRA, UNIX, Linux, OMS (Order Management System), SOAP UI, VBScript, JAVA, Python, Agile, Oracle

**Delta Air Lines Inc., Atlanta, GA**

**Sr. SDET/SOA Jan 2019 to Jun 2019**

**Responsibilities:**

* Actively Participated in various meetings with Business Analysts and Developers, Conducted **Functional** and **Regression** Testing using Selenium with Data-Driven Framework.
* Created Automation Test Scripts using Data Driven Framework and Page Factory model to test the web applications using **Selenium** Web Driver with **JAVA** and **Gradle**
* Used **Protractor** framework to install the NodeJS dependencies and wrote the feature file with all the test scenarios in cucumber to test the Angular Web Application.
* Used Jenkins pipeline to execute the test scripts periodically on Selenium Grid for different platforms like desktop, tablet.
* Performed Cross browser testing and parallel testing on Chrome, Firefox and Safari using **TestNG** and **Gradle** on Selenium grid.
* Utilized Gradle to manage dependencies for test execution, plug-ins and created profiles of grouped test cases to run sanity and regression testing.
* Used **Zephyr** to conduct Unified Functional and Regression testing and log defects in JIRA.
* Involved in the usage of BDD framework to develop **Cucumber** Step Definitions, Scenarios and Features using acceptance criteria.
* Administered and Engineered Jenkins for managing weekly Build, Test, and Deploy chain, using **GIT Lab** with Dev/Test/Prod Branching Model for weekly releases.
* Handled Selenium Synchronization problems using explicit and implicit waits during regression testing.
* Used **Runner classes** in cucumber to generate step definition and also used tags to run different kinds of test suites like smoke, functional and regression.
* Used **Postman** tool to test Rest Services based architecture application to test RESTAPI.
* Reviewed database test cases according to assigned requirements to validate reports by retrieving data with complex **SQL** queries from SQL Server.
* Involved closely with developers in testing of UI modules using HTML, Angular Material, AG-Grid, Angular, Typescript and CSS.
* Shared Daily Status Reports with all the Team Members, Team Leads, and Managers.

**Environments:** Selenium Web Driver, Groovy, Cucumber, Eclipse, JIRA, MySQL, Oracle, Java, Typescript, NodeJS, SOA Tester, Angular7, Protractor, Cucumber, Load Runner, Microservices, Restful API Testing, JMeter, JUnit, TestNG, Firebug, Zephyr, Xpath, Windows

**Equifax, Alpharetta, GA**

**QA Analyst June 2018 to Dec 2018**

**Responsibilities:**

* Review the requirements and develop appropriate test cases, to attain 100% test coverage.
* Participate in test case reviews and provide analysis on it.
* Perform Sanity, functional and Integration testing in product to report defects and provide it to Developers/BAU for the fix.
* Contribute to release notes for assigned Widgets/Products.
* Assist the Architect by providing the templates for testing.
* Adhere seamlessly to the defined process flow and ensure minimal bug leakage.
* Working on Agile Automation framework and converted manual scripts to AAF using **BDD** in **Cucumber**, **Selenium** using **Java** language.
* Working on regression testing of migrated environment.
* Prepare Daily reports on test execution status and uploaded it onto the Confluence Page
* Store/Update the test results/ test suites on the **WinSCP**.
* Check for the assigned stories in JIRA and complete prior to deadline and mark it done after completion.
* Updated **JIRA** stories on the confluence page and followed **SAFE** **Agile**.
* Stored passwords and test results with secure information inside **CMDB**.
* Performed UI automation through automation test suite written in **Selenium**/**Cucumber**.
* Executed test suites through **Jenkins** suites.
* Participate in the development of on-going Technology Risk reporting, monitoring key trends and/or breaches
* Ensuring full participation in Audit programs assisting business in identifying technology based controls
* Providing a Point of coordination for various security related activities within the central Technology **Risk Management** and **Information Security team**
* Participation in a “**State of Health”** program for the business, including reporting, planning and prioritization of **key risks**
* Refine processes for preventing, detecting, identifying, analyzing and responding to data security incidents
* Working knowledge of **PCI DSS** and **ERM** Compliance and Standards
* Working knowledge of data security across various database platforms. Primary concentration over Oracle, Teradata and SQL environments
* Performed with **file Encryption, Symmetric and Asymmetric Cryptography** technologies
* Participating with **integrating Cryptography** in different Platforms
* Experienced in **Hardware Security Modules and Public Key Infrastructure, Windows and UNIX server system support and Administration**
* Performed multiple regression tests, before/after development, **UAT, LOAD** and before Production.
* Communicated with the Development/BAU team to gather test cases for the existing application.
* Analyse the test cases which were tested manually and working on converting those test suites to be automated.
* In case of missing/fail automation test cases, manually run test cases from the responses from automation using **SOAP** or **REST** and then compare the failed test cases.
* Working with **Maven** and **TestNG**.
* Working on **Page Object Model** and **Page Factory**.
* To involve in regression sanity as well as Load Testing.
* Performed STS testing through Expando suites and using the same input data and modifying into AAF.
* Discuss during the PI planning and discuss the story points to be assigned to each QA.
* Performed smoke testing during UAT and requested BAU to provide inputs in the defects found.

**Environment:**Selenium Web Driver, Jenkins, POM, Web API tools, Cucumber, IntelliJ, Expando, Eclipse, SQL, Oracle, Java, JIRA, JUnit, TestNG, UNIX,Firebug, XPath, Windows 7/Vista/XP.

**Client: Tyler Technologies, Plano - TX Mar 2016 – June 2018**

**Role: Automation Test Engineer/Selenium**

**Responsibilities:**

* Involved in the project since the starting of **Requirement Phase.**
* Prepared a complete **Test Cases**, **Test scripts** and **Test Data using UFT/QTP**
* Contributed to the development **test strategy** and master **test plan**.
* Participated in daily **stand-up meetings** and interacted with **Scrum Master** in issues faced by the QA team.
* Conducted **Manual Testing** on basic functionalities of the application.
* Prepared **SQL** scripts to **verify the database updates, inserts and deletes of the records.**
* Performed database testing and Security testing in accordance to **Sarbanes-Oxley** **compliance.**
* Closely worked with the internal audit teams during validations performed to ensure SOX compliance.
* Wrote **SQL** queries for **Oracle** database for accessing and managing patient data.
* Gathered the **Test Input Data** which includes Pre-condition, Test Results and Regression Test Data.
* Manipulated **Test Script for Customized objects in the Application** for verification of subsequent builds in the application.
* Worked in all phases of Testing like **System, Functionality, Regression, Usability, UAT, Integration,**
* Maintained test **cases, test scripts, defect tracking and reporting using Quality Center 9.1**
* Tested the claim process end to end from filling out the forms, running it through the DBBS database, clearing out by being designated to the right treatment plans by diagnosed disease field.
* Tested the reports generated by ensuring the values matched the database through source to target mapping and writing **SQL queries** verifying the report against the database results.
* Provided data to the business analysts during **UAT.**
* Participated in daily Walk Through and Defect report meetings.
* Analysed test results identified issues and reported it to the developers and project manager through **JIRA**.

**Environment:** Windows XP, SQL Server, HP Quality Centre (9.0), UFT,Selenium, SCRUM/Agile, Oracle SQL Developer, XML, Java.

**Client: Osmosys Software Solutions, Hyderabad, India Jun 2013- July 2014**

**Role: QA Engineer**

**Responsibilities:**

* Involved in creation of Test plan and responsible for creating Test cases using Java Scripts from the functional Requirements.
* Involved in writing methods using C# to develop automated scripts and frame works.
* Uses Java to develop Automation framework to Validate RESTful Web Services.
* Worked with the team to increase the test coverage.
* Worked with Developers to ensure testing issues are Resolved.
* Used best practices to create and execute extensible tests.
* Identified test cases to automate. Automate those test cases using Selenium WebDriver, TestNG and Java technologies (Eclipse IDE).
* Worked on basic SQL Queries to retrieve the data from various Tables and to test the database.
* Performed automation of test cases for Regression Testing using JUnit and Selenium, testing Functional, Acceptance and Limit validations.
* Developed QA processes automation test scripts using Selenium to test Web based user interfaces for different type of browsers.
* Created automation framework for complex scenarios and performed Functional and Regression Testing for various releases using Selenium (WebDriver) and TestNG
* Created detailed QA and UAT cases to validate the quality of the application.
* Reviewed the code in java and Performed White box testing Using JUnit to ensure every class is constructed strongly and does not contain any functional errors (Unit Testing).
* Set up Selenium tools from scratch and configured various other peripherals tools to perform Selenium test.
* Integrated TestNG with Selenium using Eclipse to generate test execution result.
* Implemented cross browser and cross platform web testing with WebDriver.
* Used JUnit and TestNG testing Framework as a test runner with Selenium.
* Created Selenium test automation framework based on UI Mapping.

**Environment**: Manual Testing, Windows XP, MS-Office Tools, Quality Centre, Waterfall Model, SQL Server 2005, XML, Visual Studio 2008, C#, HTML, CSS, Java Script, SOAP UI.