**Preeti Mittal**

**QA Automation Engineer**

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**Professional Summary:**

* **9+ years** of experience in the area of Software Testing (Manual and Automation).
* Expertise in various phases of **Software Testing life cycle (STLC)** on platforms like Web, Desktop **and Software Development Life Cycle (SDLC)** that includes **Requirements Analysis, Design, Coding, Testing, Implementation and Maintenance.**
* Hands on experience in functional testing, unit testing, integration testing, regression testing, black box testing, white box testing, API Testing, GUI testing, back-end testing, browser compatibility testing, in different stages of Software Development Life Cycle (SDLC).
* Experienced in SQA (Software Quality Assurance) including Manual and Automated testing with tools such as **Selenium WebDriver/IDE, TestNG**, **JIRA, ALM**, **REST ASSURED, POSTMAN** and **SOAP UI**.
* Experience of testing Mobile Application
* Experience in testing the Porting of the application on different Mobile Handset.
* Proficient in writing Test cases using Element locators, WebDriver methods, Java programming features and TestNG Annotations.
* Expertise in getting the test data using **TestNG** Data provider.
* Very good exposure of testing applications on wide range of Mobile handset of different vendors which includes Nokia, Samsung, Google G1, Sony Erricson, Motorola, Windows Mobile, HTC, LG, Iphone and many more.
* Specialized in user requirement analysis, documenting test plans, execution of test cases to verify application functionality against business requirements, by using **Selenium WebDriver.**
* Experience testing **SOA** with **RESTful/SOAP Web Services**. Created entire architecture for backend testing internal and third-party API using **Test** **Complete** and **SOAP UI**.
* Sound knowledge on **TestNG** framework for **Unit testing**, **Maven** for Project **building tool**, **Jenkins** for **Continuous Integration**.
* Experience in **creating Test Plans**, **writing and executing Test Cases, Manual Testing, and automated Test Execution.**
* Excellent experience in developing **Test Scenarios, Test cases, Test Scripts** and **Test reports** for Manual as well as Automated testing for various applications to ensure proper business compliance.
* Experience of testing **RestAPI** **POSTMAN** and **SWAGGER** tool for performing **CRUD** operations.
* Profound experience in web services testing using Service Oriented Architecture tools like **Postman** for testing and validating **SOAP** and **RESTful** web services used in various applications.
* Extensive experience in GUI, Regression Testing, Functional Testing, System Integration Testing , **User** **Acceptance** (UAT), **Sanity**, Performance, Stress, Reliability, compatibility, Cross Browser, Security and **Database** **Testing**.
* Experienced in providing the efficient locators strategy like **XPath** and **CSS to run WebDriver script** in stable condition.
* Well versed in different management scenarios like **Change Control, Quality Assurance, Defect Tracking, System Integration, and Task Scheduling.**
* Work experience in using the **Quality Center/ALM** to manage the software testing process and **JIRA** for tracking the process and sharing the files.
* Good knowledge in using repositories **GIT.**
* Expertise in **Cucumber tool** that computer programmers use for testing other software.
* Extensive Knowledge of Quality Assurance standards, methodologies and strategies with better understanding of **Software Development Life Cycle (SDLC).**
* Excellent **Time** **Management**, Good analytical, **communication** **skills** and ability to work independently with minimal supervision .

**EDUCATION/CERTIFICATION**

* **Master of Business Administration (Finance) in 2015 from ICFAI India.**
* **Bachelor of Commerce in 2011 From MDU, India.**
* **Foundation Level Certification in Software Testing in 2020 from ISTQB.**
* **Awarded on 14th day of July 2020**
* **Certification Number ITB-CTFL 00102457 India**

**Technical Skills:**

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| **Testing Tools** | Selenium WebDriver/IDE, Cucumber, SOAP UI, POSTMAN, REST ASSURED |
| **Languages** | JAVA, JavaScript, HTML, XML, CSS |
| **Test Framework** | TestNG, Data Driven Framework, MVC |
| **IDE & Build Tools** | Eclipse, Maven |
| **Continuous Integration Tools** | Jenkins, Hudson |
| **Bug Tracking Tools** | JIRA, Quality Center (QC)/ALM |
| **Source Version Control Tool** | Subversion (SVN), Git |
| **Operating Systems** | Windows, iOS, Android |

**Client: NHTSA, Montgomery, AL July 2022- Present  
Role: QA Automation Tester**

**Responsibilities:**

The National Highway Traffic Safety Administrationis responsible for keeping people safe on America’s roadways. Through enforcing vehicle performance standards and partnerships with state and local governments. NHTSA reduces Deaths, Injuries and economic losses from motor vehicle crashes.

**Responsibilities:**

* Responsible for providing Test cases and executing them within an AGILE software development SCRUM environment.
* Main responsibility to do Manual testing from end to end. Using Basic SQL Queries to validate data from backend whenever required.
* Extensive experience testing in one or more specific areas and drive continuous improvement and innovation in test coverage and test effectiveness.
* Reviewed and Created Project Assessment, Project Plan, Business Process Requirements, Technical Requirements, Test Specifications, Test Results, and Test Results.
* Generated automated test scripts for regression and stress testing and also data driven scripts for multiuser access for product information module using the data pool.
* Used Quality Center for bug tracking and investigated software bugs.
* Manual Testing of mobile native apps on different mobile platforms such as android mobile device to track user interface performance and bug fixes to ensure stability of releases.
* Tested Mobile App for UAT, usability, Performance, capability and load testing of IOS and Android devices.
* Responsible for preparing weekly status reports and validated the back-end data using SQL queries for data integrity.
* Written Scripts from Scratch for **Regression**, **System Integration Testing**, **Smoke**/**Sanity** testing and **Database** Testing.
* Able to design and implement T**est** **strategies** to improve efficiency in Manual Testing.
* Design and implement **Graphical User Interface** testing using frameworks such as **Selenium** .
* Have extensive experience collaborating with QA Analysts and Software Developers to develop solutions.
* Product/testing expert for supported areas and provide testing guidance to developers.
* Improve existing test automation frameworks and infrastructure.
* Written and implemented test cases as part of individual development sprints.
* Experience using defect tracking(Bug Tracking) tool **JIRA** and **Testrail**.

**Environment:** Selenium WebDriver, TestNG, SOAP UI, , Maven, POSTMAN, XPATH, Eclipse, Jenkins, HTML, XML, Git Hub, agile, JIRA, SQL, Oracle and Windows, Mobile App Testing(IOS/Android).

**Client: Fifth Third Bank, Cincinnati, OH May 2021 –June 2022**

**Role: QA Automation Engineer**

**Responsibilities:**

* Active participation in Daily Scrum meetings and Defect Report Meetings.
* Creation, Review & Maintenance of QA Checklist and Test cases for Accessibility Testing.
* Associated with development team to understand **technical design** and **architecture** for test planning.
* Designed and developed **Page Objects** using Page Object Design Pattern and **Selenium WebDriver.**
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application’s GUI and in the testing, environment using **Selenium WebDriver, TestNG and Jenkins.**
* Developed Automation scripts for new enhancements using **Selenium Web Driver and TestNG.**
* Performed functional testing of RESTful Web Services using **REST ASSURED** tool.
* Used **TestNG** to run Cucumber feature and scenarios and generating report daily basis.
* Implemented Automated execution of tests (nightly and need based) using **Maven and** **Jenkins**.
* Developed and executed **White box test cases** of the **API** using **TestNG** framework & Eclipse.
* Created automation framework in **Selenium** **WebDriver** using behavior driven approach like **Cucumber**.
* Involved in setting up continuous integration system using **Jenkins** and working knowledge with cloud-based code repository system like **Github**.
* Worked on Web services using **POSTMAN** exclusively on obtaining the needed information using the **URL** approach.
* Developed test suite, test cases, execute test cases and generate report in **Postman**.
* Performed xml data validation using assertion method in **Postman**.
* Tested request and response **XML's** based web services interfaces using **REST ASSURED**.
* Performed Web Services Testing and XML validation by creating test case suite using **REST ASSURED**.
* Created whole test framework using **Selenium** for further test creation and execution.
* Regression test cases were written and automated using **Selenium WebDriver.**
* **Updated Test Plans** and **Test Cases** periodically to manage changes in requirements.
* Uploaded test cases executed test cases and logged defects in JIRA.
* Created automation scripts in REST ASSURED web services testing.
* Created defect log using managing the tasks and stories in Agile Environment.
* Followed **Agile testing methodology**, participated in daily **SCRUM** meetings and testing each **SPRINT** deliverables.
* Coordinated efforts between product development teams and offshore enterprise test team.
* Standardized QA standards and practices across teams where possible. Involve in BDD framework using cucumber.

**Environment:** Agile,Selenium WebDriver, TestNG, REST ASSURED, Cucumber, POSTMAN, Maven, Eclipse, Jenkins, SQL, Oracle, HTML, Git Hub, JIRA, Oracle and Windows.

**Client: TUMI, South Plainfield, NJ Jan 2019 – Apr 2021**

**Role: QA Automation Engineer**

**Responsibilities:**

* Developed test approaches/test designs Wrote test plans, created production simulations, and test data.
* Attended use case and technical specifications review sessions with product and architecture teams to provide feedback in the elaboration phase.
* Associated with development team to understand **technical design** and **architecture** for test planning.
* Designed and developed **Page Objects** using Page Object Design Pattern and **Selenium WebDriver.**
* Develop automated acceptance tests using technologies such as: Java, Cucumber, and Selenium.
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application’s GUI and in the testing, environment using **Selenium WebDriver, TestNG and Jenkins.**
* Developed Automation scripts for new enhancements using **Selenium Web Driver and TestNG.**
* Implemented Automated execution of tests (nightly and need based) using **Maven and** **Jenkins**.
* Tested application API endpoints using **Postman and SOAP UI.**
* Created automation framework in **Selenium** **WebDriver** using behavior driven approach like **Cucumber**.
* Involved in setting up continuous integration system using **Jenkins** and working knowledge with cloud-based code repository system like **GitHub**.
* Extensively used Selenium (data-driven, XPath locator) and **WebDriver** to test the web application.
* Regression test cases were written and automated using **Selenium WebDriver.**
* Prepared **Traceability Matrix** to ensure the adequate coverage of the test cases.
* Logged defects in detailed, understandable, reproducible way, tracking all assigned defects through to closure and interacting with members of Development Team to resolve discovered defects.
* Reported software defects in **JIRA** and interacted with the developers to resolve technical issues.
* Created **SQL views to aggregate data** before moving to targeted database from legacy database to simulate results.
* Followed **Agile testing methodology**, participated in daily **SCRUM** meetings and testing each **SPRINT** deliverables.
* Participated in regular, weekly project status meetings related to testing with Teammates, Test lead and Project Manager and discussed the progress of the project.

**Environment:** Selenium WebDriver, TestNG, SOAP UI, Cucumber, Maven, POSTMAN, XPATH, Eclipse, Jenkins, HTML, XML, Git Hub, agile, JIRA, SQL, Oracle and Windows.

**Client: Elephant Insurance, Richmond, VA Apr 2017 – Dec 2018**

**Role: QA Engineer**

**Responsibilities:**

* Analyzed the **Business Requirements Document**, put input in **Test Plan** and prepared detailed **Test Cases** for new functionality.
* Associated with development team to understand **technical design** and **architecture** for test planning.
* Regression test cases were written and automated using **Selenium WebDriver.**
* Created whole test framework using **Selenium** for further test creation and execution.
* Prepared **Traceability Matrix** to ensure the adequate coverage of the test cases.
* Participated in **Daily Scrum meeting, Stand-up meeting, walkthrough meeting,** **weekly assessment meetings** with business analysts and developers.
* Attended, discussed and submitting work progress report of the week to Project Manager.
* Worked with **source version control** tool such as **GIT,**
* Successful discussion with **all members, Project manager and QA Lead** to collect data for automation.
* **Updated Test Plans** and **Test Cases** periodically to manage changes in requirements.
* Created **SQL views to aggregate data** before moving to targeted database from legacy database to simulate results.
* Uploaded test cases executed test cases and logged defects in **JIRA.**

**Environment:** Selenium WebDriver, TestNG, HTML, Maven, Java, JavaScript, XML, GIT, JIRA, Windows.

**Client: Cross Riverbank, Fort Lee, NJ May 2016 – Mar 2017**

**Role: QA Manual Tester**

**Responsibilities:**

* Responsible for providing test cases and executing them within an AGILE software development SCRUM environment.
* Reviewed and Created Project Assessment, Project Plan, Business Process Requirements, Technical Requirements, Test Specifications, Test Results, and Test Results.
* Generated automated test scripts for regression and stress testing and also data driven scripts for multiuser access for product information module using the data pool.
* Used Quality Center for bug tracking and investigated software bugs.
* Involved in Bug Logging, Issue Tracking and responsible for tracing the bugs throughout the whole bug lifecycle till the bug closure.
* Worked on regression testing, automation estimation, design and framework. Provided the detailed implementation plan to management.
* Responsible for preparing weekly status reports and validated the back-end data using SQL queries for data integrity.
* Actively involved with scrum and sprint meetings, managing product backlog, removing obstacles to progress, re-allocating resources where necessary, prioritizing and review milestones and accomplishments.

**Environment:** Java,Quality Center, HTML, XML, Windows.

**Client: Dell Technologies, India May 2014 – Feb 2016**

**Title: QA Manual Tester**

**Responsibilities:**

* Designed and Developed Test plan and test scripts based on BRD and User Stories
* Created and executed manual test cases using Quality Centre and reviewed test cases developed by other testers.
* Responsible for Regression Testing, Functional testing for web-based application.
* Developed Traceability Matrix for mapping functional and business requirements into test cases.
* Created Test cases and uploaded to QC using excel add-ins.
* Involved in Smoke Testing, Functional Testing, Regression Testing.
* Logged the defects in JIRA in order to perform defect lifecycle.
* Involved in defect review meetings, weekly status meetings and walkthroughs and interacted with Business Analysts and Developers for resolving Defects Followed Waterfall Methodologies for all the project activities.
* Written and executed SQL queries and Joins, Group By clause, having clause etc. to validate the data.