**Manita Tripathi**

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**Professional Summary:**

* About 7+ years of experience as a Quality Assurance Analyst and Test Engineering (manual and automation) in all phases of SDLC
* Good understanding of the Agile Software Development Life Cycle (SDLC), STLC and the role of Quality Assurance in Agile and Waterfall Methodologies.
* Exposure to Manual Testing of applications developed on Windows and Web platforms.
* Proficiency in interacting with Oracle, SQL Server and DB2 databases using SQL.
* Good knowledge of Java and .NET Applications.
* Involved in testing of services using SOAP/REST services using SOAP UI and Postman.
* Good Knowledge of implementing Behavior data driven (BDD) automation testing framework utilizing Java, Eclipse, Cucumber, and Selenium Web Driver/IDE/Grid.
* Knowledge of creating test scripts in C# for newly added functionalities and maintained the Automated testing framework. UI testing for web applications using tools like Specflow
* Hands-On experience in implementing Behavior Data-Driven (BDD) automation testing framework utilizing Java, Eclipse, Cucumber, and Selenium Web Driver.
* Experience on TestNG framework using Maven for Project building tool, Jenkins for Continuous Integration. Implemented simulator for mobile app testing in IOS, Android using Appium Tool.
* Good knowledge in working with HP ALM and JIRA for Test Management and defect tracking.
* Worked experience in Rest API testing using Postman Tool and Automation API testing using Rest Assured.
* Experience logging defects using different bug tracking tools, retesting defects and generating Defect Reports.
* Experience testing mobile applications on iOS and Android.
* Working with various mobile devices such as Android, iPhone, tablets to perform browser compatibility and configuration testing.
* Experience in Regression, Functional, Black Box, Positive, Negative, Data-driven, Unit, Integration, System, Front-End and Back-End Testing.
* Knowledge in Oracle table data manipulation using SQL queries and UNIX commands.
* Good Documentation and Process Management skills with an ability to effectively understand the business requirements to develop a quality product.Assisted Manager by providing automation strategies, Selenium/Cucumber Automation and JIRA reports.

**Education:**

**Bachelor of Business Administration,**Kathmandu University 2014

**Professional Experience:**

**Capital One, McLean, VA Oct 2020 - Present**

**SDET/QA Automation Engineer**

**Responsibilities:**

* Involved in analysis, development, implementation, testing and maintenance of Complete Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) projects.
* Involved in manual testing of various test cases with respective test scripts and generated analysis reports with HP ALM
* Used OOPS concepts in JAVA extensively.
* Developed middle-tier business logic for Core file parsing.
* Compared the Integration Testing Status of the Actual test results against predetermined expected results.
* Wrote Smoke Tests, Acceptance Tests and used Postman tool for Automated Testing of REST API’s and Web Services.
* Automated Restful Api/web services using Rest Assured Library to validate the JSON responses by deserializing them.
* Involved in Smoke testing, System testing, Regression testing, Black box testing and White box testing.
* Setup and configure the testing environment with IntelliJ, TestNG, Selenium WebDriver, Maven and Java.
* Identified test cases to automate. Automate those test cases using Selenium WebDriver, TestNG and Java (IntelliJ IDE).
* Written and executed Selenium tests for automation testing of the web application using Selenium IDE and WebDriver.
* Setting up, maintaining, and testing automation frameworks on multiple application platforms. Building test scenarios and acceptance tests as well.
* Troubleshoot the errors and bugs found in Automation Testing and update the Automation scripts.
* Designed and developed Page Objects using Page Object Design Pattern and Selenium WebDriver.
* Behavior Driven Development (BDD) implementation with Cucumber gherkin and Jenkins Continuous Integration.
* Tested Web Services, Validated Request and Response XML, Restful calls using SOAPUI tool.
* Developing automation scripts in BDD format using cucumber and proficient in writing cucumber scenarios.
* Worked on API testing in Rest Assured Framework. Developed required Selenium support code in JAVA for Cucumber.
* Participated in execution for API testing using the Postman tool. Implemented simulator for mobile app testing in IOS, Android using Appium Tool.
* Developed test suite for all the Web service operations in the SOAP UI test tool.
* Proficient in Cross Browser testing of applications on Google Chrome, Internet explorer, Safari and Firefox browsers and Cross Platform testing on Windows, iOS Android.
* Perform Manual and Back-end testing using SQL in Oracle relational database.
* Used HP ALM Tool for write and execute Function test cases.
* Prepared the data to cover various scenarios and wrote SQL scripts to verify the database updates, inserts and deletion of the records.
* Coordinated with developers and record defects in JIRA to track until they are resolved.
* Maintained team Defect’s report though MTM & TFS and reported to the management on a daily basis.

**Environment**: SDLC, STLC, QTP, C#,, XML, SOAPUI, Specflow, SQL, Cucumber, Oracle, HP ALM, TFS, JIRA. BDD, Selenium, Eclipse, TestNG, JMeter

**Stryker Corporation, Kalamazoo, MI Nov 2018 - Oct 2020**

**QA Automation Engineer**

* Created Test related documents such as Test Plan, Test Scenario, and Test Cases throughout the STLC.
* Interacted with the business analysis and developers in requirements analysis, review design documents, testing and documents which are developed into Agile, scrum, and sprint environments.
* Performed rigorous manual testing such smoke testing, Integration testing, Regression Testing, End to End Testing and System Testing.
* Actively participated in Agile and scrum meetings, review, and developed test scenarios.
* Followed Agile Methodology to emphasize on real time communication over written documentation.
* Involved in Integration, Regression, Performance, Validation, Functional and End-to-End testing on store and merchandising applications that interface with POS.
* Used BDD framework with Cucumber, Java, and created future files with the scenario, scenario outline files and step definitions.
* Reported software defects in HP ALM and interacted with the developers to resolve technical issues.
* Developed Test Frameworks in Selenium for UI Regression Test Automation and when necessary and potentially executed Unit Test Automation (TestNG).
* Responsible for testing for RESTful API & Web services using Postman tool along with Rest Assured Libraries.
* Performed Functionality testing during various phases of the application and analyzed the results.
* Worked with java-based applications and C++ simultaneously: iOS and Android.
* Performed browser compatibility and configuration testing on various operating systems such as Blackberry OS, Android OS, IOS etc.
* Documented Test plans, Test Cases and decided schedules for Test Case execution.
* Reviewed extensive SQL Queries with complex multi-table joins and nested queries.
* Tested SOA processes and methodologies used to deliver Customer order application, New Web Application for quality standards interface to meet customer expectation.
* Performed UAT testing coordinating with BA, Developers, and SMEs and actively involved in Production phase testing.
* Maintained and prepared defect tracking reports in JIRA.
* Used JIRA bug tracking tool to analyze & capture bugs, track and manage dashboard any type of updates for project release.
* Performed rigorous manual testing such Functional Testing, Smoke testing, Integration testing, UAT Testing, Backend Testing, Regression Testing, End to End Testing and System Testing.

**Erie Insurance Group, Erie, PA Sept 2016 - Oct 2018**

**SDET/ Automation Engineer**

**Responsibilities:**

* Responsible for preparation of Test cycle/progress reports, analysis of defect metrics & implementing improvement actions for next iterations.
* Performed different testing tasks using various test scripts on Selenium WebDriver and Nunit.
* Developed test code in C# language using Visual Studio IDE and NUnit framework.
* Involved in designing and implementing a hybrid automation framework to be used with Selenium WebDriver.
* Development of a software automation testing framework using Microsoft Test Manager, Microsoft Visual Studio and C#.
* Used C# language and NUnit framework for scripting.
* Designed and executed the Automation Test Scripts using Selenium WebDriver and Nunit.
* Implemented Agile methodologies with others members in the team.
* Executed and Prepared SIT Test Cases/Scripts in HP Quality Center.
* Developed Functional/Regression Test Cases in HP Quality Center.
* Designed and Developed UAT Regression automation script and Automation of functional testing framework for all modules using Selenium WebDriver.
* Performed Data-driven testing using Selenium WebDriver, Nunit functions.
* Involved in Restful API and web services Testing using Postman.
* Performed Smoke Testing to make sure all the Test Channels and Test Environment is working as desired.
* Extensively used Page Objects design and page navigation framework for readable test script and easy maintenance from developer perspectives.
* Performed Behavior Driven Development/BDD testing using Specflow and Gherkin.
* Responsible for creating the functional testing framework using NUnit and using Selenium WebDriver to automate the UI components.
* Wrote test cases to test native mobile applications and executed them manually in IOS and Android.
* Used Selenium WebDriver and NUnit to run the parallel testing.
* Used Selenium WebDriver used to test search results of the Metasearch engine.
* Responsible for fixing and maintaining regression test automation scripts for an end-to-end testing using Selenium WebDriver (using C#).
* Involved manual testing of various test cases with respective test scripts on Selenium.
* Coordinated for conducting white box testing.
* Conducted backend testing using SQL queries to validate data for database and Used SQL queries for retrieving data from database for executing user-specific test cases.
* Defect logging and tracking using Azure Devops and updated the test defects status with results.
* Implemented Eclipse as Integrated Development Environment IDE .
* Closely involved with the development team, maintenance team and the business team regarding changing requirements, builds and releases.

**Environment:** C#, Selenium WebDriver, Specflow, Azure Devops, NUnit, XML, DHTML, Postman, SQL, Azure Devops, SQL Server, Windows, Load Runner.

**National Tele systems Inc, Dallas, TX Apr 2015 - Aug 2016**

**Quality Analyst Tester**

**Responsibilities:**

* Analyzed business requirements, System requirements, and Functional requirements and developed Test Plan, Test Requirements, Test Cases and detailed test cases.
* Involved in a different module of the application to Analyze and test.
* Task allocation, tracking, maintaining & reporting execution.
* Regression automation script execution using QTP.
* Created Test input requirements and prepared the test data for Data-Driven testing.
* Performed data driven test by passing parameter from text files.
* Developed the requirement traceability Matrix to map the requirements with test cases.
* Quality Center to track and report System Defects. Written the description for the bugs of the application and helped the developers to track the problem and helped to solve it.
* Review Test Cases and Bug Reports.
* Performed manual testing, including functional and System testing.
* Submitted weekly Testing status report.
* Validate Web Services /APIs built in SOA Architecture using SOAPUI.
* Data validation and Database integrity testing are done by executing SQL.
* Checked the database and with the application queried result is being equal, for that lot of SQL queries is being extensively used to check the data from the database.

**Environment**: SQL, Agile, Excel, MS Office, QTP, XML, Quality Center.