**Aditi Modi**

**QA/Automation Tester**

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**Summary**

* 8 Years of experience in Software Quality Assurance in Manual and Automated testing on Client-Server and Web based applications.
* Accountable for consulting and advising all teams assisting with the development and maintenance of reporting metrics to determine the effectiveness of Quality Assurance efforts across client’s applications.
* Expertise in Selenium automation using Java in Creating, maintaining, debugging GUI & Multi-Applications environment, executing high-end test scripts using automation testing for various functional & regression testing with Selenium in Java with Junit and TestNG.
* Experienced in designing multiple LoadRunner scripts (VuGen) with different protocols like Web (Http/Html), Ajax, Web services for load testing different applications.
* Expert in Agile Software Development and release management. Used open-source bug tracking/ test management tools like JIRA, Bugzilla, TFS, HP QC.
* Experience in Jenkins and Hudson for scheduling the jobs by Continuous Integration (CI) and Continuous Deployment (CD) and integrate/ configure these tools with project building tools like MAVEN, ANT.
* Extensive experience in Functional Testing, System Testing, Integration Testing, Regression Testing, Interface Testing, Load Testing, SOAP Testing, User acceptance Testing, UI Testing & Sanity Testing.
* Extensive experience in Quality Assurance methodologies and strategies with better understanding of Software Development Life Cycle (SDLC).
* Involved greatly in Performance Testing, Functional Testing and Regression Testing, using automated testing tools including LoadRunner, Performance Centre, Quick Test Pro, Quality Centre, Win runner and Test Director.
* Initiated and managed Project Readiness Documentation to track the readiness of projects for Go-Live and ensure initiation and completion of critical tasks to meet release milestones.
* Efficiently deal with planned and unplanned events during project releases and operate in loosely defined boundaries.
* Strong experience writing SQL queries for back-end testing, UNIX commands for verifying log files, shell scripts to bounce/maintain QA servers, database refresh for QA environments, XML API testing.
* Experienced in Planning and Translation of Software Business Requirements into test conditions; execution of all types of tests; and identification as well as logging of Software bugs for business process improvement.
* Proficient knowledge in various types of Software Testing such as Integrated testing, System Testing, Black box testing, Positive Testing, Negative testing, Volume Testing, Data Driven Testing, back-end Testing and Regression Testing
* Good working knowledge of major Operating Systems such as Windows 98, 2000, XP, Vista, 7 and UNIX
* Experience in testing performance of web applications and read, validate and trouble shoot XML’s generated by SOAP.
* Excellent communication and writing skills with the ability to adapt to new and dynamic environments.
* Experience in designing, developing, and normalizing database and conducting Backend testing by executing SQL queries, also performed database migration from MS Access to MS SQL Server

**Technical Skills**

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| **Testing Tools** | Selenium, HP ALM/QC, JMeter, TestNG, MAVEN, ANT, Jenkins, HP LoadRunner, SiteScope, HP Diagnostics, Quality Center, Performance Center, SOAPUI, Test Director and Bugzilla. |
| **Scripting** | Java, JavaScript, C, Shell Scripts |
| **Operating Systems** | Windows XP/2k, UNIX |
| **Database** | Oracle 10g, SQL Server 2005, MS Access 2003, MySQL 4 |
| **Languages** | Java, C, SQL, PL/SQL, XML, HTML, DHTML |
| **Build/ Version** | Visual SourceSafe, CVS, Clear Case, VersionOne |
| **Application Servers** | WebSphere, WebLogic, Apache, MS IIS |
| **Utilities** | MS Word, TOAD, Eclipse, MS Visual Studio, SQL Developer, Selenium IDE |
| **SDLC** | Agile, Waterfall |

**Experience**

**Client :** JP Morgan Chase, Jersey City, NJ

**Role :** Automation Tester/Lead

**Duration :** December 2019 to Till Date

**Responsibilities:**

* Worked on Agile/Scrum Methodology involved in giving points to User Stories, back log grooming, User story demos, attended retrospective meetings and worked on Iterations (Sprints).
* Identified which stories needs need to be automated based on functionality, and distributed stories to team members, helping them with dataset up, and reviewing their PR’s.
* Written and Executed Test cases, Test plans and Test design documents.
* Performed manual testing on API Calls by using HTTP methods like Get and Post calls and validated response codes using Postman tool.
* Identified Test cases based on the requirements, participated in implementation of Test Cases, and Test Script according to the Business Requirements, System Requirements.
* Performed various kinds of testing like Black Box, GUI, Functionality, Integration, Regression, User Acceptance and Back End Testing.
* Created Requirement Traceability Matrix and updated the Requirement traceability matrix timely with the changes.
* Developed and maintained Manual and Automation test scripts.
* Used Jira for Bug Tracking, Bug fixing, and Bug Reporting.
* Performed Database Testing using SQL Queries to validate same changes reflects on UI as well.
* Developed complex SQL queries for querying data against different databases for data
verification process.
* Performed functional and regression testing during the various phases of the application using Selenium.
* Developed Features, Scenarios and reusing Step Definitions using Gherkin, Cucumber BDD, Java and WebDriver
* Created & customized XPATH for identifying dynamic elements.
* 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 Web Driver
* Developed and executed Selenium test cases using Maven (Page Object Model) and Jenkins.
* Used Bit bucket as a code repository to checkout, push, submit and commit code.
* Involved in executing Selenium test scripts on different browsers and checked for compatibility.
* Prepared user documentation with screenshots for UAT (User Acceptance testing).
* Coordinated with developers and record defects in JIRA to track until they are resolved.
* Prepared Test Traceability Matrix to confirm the test coverage and mapped it with Test cases.
* Coordinated with offshore team for getting status updates on automation failures and documented root cause analysis of failures.
* Performed gap analysis related to functionality with AO’s & POs of the application in order to make sure regression suite has good coverage of functionality.
* Reviewed Automation scripts written by team members to ensure proper validation points are considered with in scripts, validated page objects meets certain standards.

**Environment:** Java, Selenium WebDriver, Gherkin scripting, ATC Machines, Cucumber, IntelliJ IDE, Browser plugins like Selenium IDE, Firebug, Fire Path, Postman, Soap UI, Oracle-SQL Developer, IE Toolbar, Maven, Jenkins, Bit bucket, Git, Agile Scrum, Jira, Confluence

## Client : Bayer Corporation, Whippany, NJ

## Role : Automation Tester

**Duration :** August 2018 to November 2019

**Responsibilities:**

* Developed and maintained automated regression test cases in Selenium WebDriver using Java programming language and TestNG Framework.
* Performed Data driven testing using Selenium WebDriver which reads data from scripts using property and XML files.
* Implemented Page Object Design Pattern with Page Factory, Keyword Driven, automation frameworks.
* Used Maven for building the WebDriver project. Integrated with Continuous Integration tools Jenkins for running tests on nightly basis automatically.
* Automated running smoke tests and build report generator for daily builds.
* Worked in the agile environment with frequently changing requirements and features set.
* Configured Selenium WebDriver, TestNG and created Selenium automation scripts in Java using Junit prior to agile release.
* Performed Functional testing, Regression testing, UI testing, and Integration testing of the application.
* Performed Functional tests using Selenium WebDriver with data driven framework and Executed test cases in multiple browsers.
* Worked in a highly dynamic AGILE environment and participated in the scrum and sprint meetings.
* End to end execution of automated scripts, Test Result analysis.
* Assisted Manager by providing automation strategies, Selenium/Cucumber Automation and JIRA reports. Developed Cucumber HTML, JSON test reports for analysing the test outputs.
* Designed and Developed UAT Regression automation script and Automation of functional testing framework for all modules.
* Used SoapUI for developing automation scripts and project management tool using Groovy Script.
* Extensive experience in using Automated tools like Java Cucumber test framework for Client/Server, Web and database applications.
* Build and design internal portal UI testing framework include DB validation. (Selenium,)
* Fetched the test data into Test scripts from Excel using third party jar Apache POI.
* Used XPath and DOM to work with dynamic and static objects in Selenium.
* Performed Smoke, Functionality, Integration, System, Regression tests based on Analysis, and understanding of the requirements, non-functional specifications, and end-user needs.
* Prepared test cases, test data and test responsibility matrices for the application under test.
* Used Git as code repository and Code Collaborator to manage code reviews.
* As part of compatibility testing, executed the workflow manager web application related test cases on different browsers different Operating Systems.

**Environment:** Java, Selenium WebDriver, TestNG, Cucumber, IntelliJ IDE, Browser plugins like Selenium IDE, Firebug, Fire Path, Firebug, XPath Checker, IE Toolbar, Maven, Jenkins, Bit bucket, Git Hub, Agile Scrum, Jira, SoapUI, Web Services.

**Client :** Panasonic Corporation of North America, Newark, NJ

**Role :** QA Tester

**Duration :** May 2017 to July 2018

**Responsibilities:**

* Installed and configured the test environments as required by the various QA assignments.
* Developed full end-to-end automation scripts using selenium- java for back-end/integration automation, Database Testing & DBI connectivity and run SQL Server query for validation and user data.
* Responsible for building a reusable regression test suite, performed continuous integration using JENKINS as a CI, debugged errors and reporting defects.
* Selenium Web Driver, Selenium Grid to perform cross browser Functional Testing by using Java programming & Gherkin Language for BDD (Cucumber).
* Used GitHub as a repository for all the test scripts and JENKINS as continuous integration tools to schedule jobs/batch runs.
* Creating and executing Test sets of all related Test Cases under Local and Remote server.
* Tested software by executing the test cases to identify and resolve problems from an end users' (UAT) perspective.
* Prepared documentation for show and tell and took part in retrospectives, Logged and tracked defects using JIRA
* Coordinated with developers and business personnel to swiftly resolve the issues.
* Working as a release QA, involve in writing Test plans, Test cases, Feature testing, Bug verification and regression.
* Contribute to the functional automation suite for features like sanity, smoke, and regression runs using java and Selenium.
* Perform failure analysis of the test runs and fixing failed scripts.
* Worked in Agile Methodology to ensure the documentation and communication of test results, defect and issues.
* Worked closely with the developers and QA Cross - Functional team to resolve the defects, issues and understanding the functionality to ensure the quality of the product.
* Working with Product Managers to understand new features, identify edge cases & write Cucumber Scenarios and automate those cases in java using Selenium WebDriver.
* Document the Performance Scenarios after discussing with the business Teams.
* Used Postman tool for manually testing API’s Calls using HTTP methods (GET, POST)
* Running the Tests overnight and analysing the results, publishing the report to Team.
* Working with Developers on Performance Issues and Bottle neck issues

**Environment:** Selenium WebDriver, Postman, IntelliJ IDE, MS Excel, Java, XML, JIRA, TestNG, Maven, Jenkins, SQL Server, Windows, Bit Bucket, Browser plugins like Selenium IDE, Firebug, Fire Path, Firebug, XPath Checker, IE Toolbar.

**Client :** Ciesto Solutions, Gujarat, India

**Role :** Front end Developer

**Duration :** July 2015 to May 2017

**Responsibilities:**

* Interacted with the Business Clients, Product Owners, Developers and QA Manager for clear exposure to trickle down the technical/functional User Requirements & Change Requests to Test Plans and Test Scenarios.
* Involved in development of Automation framework using Selenium Web Driver.
* Implemented Keyword Driven automation testing framework utilizing Java, TestNG and Selenium WebDriver.
* Created Automation test framework using Selenium WebDriver.
* Exported test case scripts in IntelliJ IDE and modified the Selenium scripts and executed; Prepared automation test framework (Junit and Maven) and worked on acceptance testing using Cucumber.
* Exported Test Case Scripts (Java-Selenium WebDriver) in IDE and modified the selenium scripts and executed.
* Created functional automation scripts using open-source tools Selenium and involved in creation of automation framework using Selenium and testing.
* Used XPath and DOM to work with dynamic and static objects in Selenium WebDriver.
* Participated in Requirements, Design, and Release Readiness review sessions.
* Involved in creation and ongoing maintenance of test documentation and test plans.
* Performed white box testing for the Web based application.
* Performed end to end testing of the application based on the requirements.
* Responsible for writing and testing the test cases.
* Implemented Rigorous Regression testing after every new build.
* Performed web services testing using Postman.
* Created the automated test scripts and modified the Automation scripts by inserting check points to verify the object properties.
* Performed data driven test to test application for multiple scenarios with different verities of data.
* Created different Libraries and keep all reusable functions to avoid redundancy and make scripts more effective and efficient.
* Created recovery scenarios to handle unexpected errors during the running of scripts.
* Tested web-based application on operating systems such as Windows, and different browsers such as IE, chrome, Firefox.
* Conducted backend testing using SQL queries to validate data for database.
* Coordinated with technical support associates to fix proprietary software issues.
* Created manual test cases, reviewed with different stakeholders to validate the functionality.
* Attended the BRI (Business Requirement Identification) meeting to understand the business Requirements.
* Edited and debug tests using Selenium Participated in meeting, teleconferences walk through with the development team, QA manager and Project manager (PM).

**Environment:** Selenium WebDriver, TestNG, SOAP UI, XPATH, XML, DOM, Postman, Internet Explorer, Chrome, Firefox, SQL and Windows, Bit bucket.

**Client :** IndiaNIC, Ahmedabad, India

**Role :** UI Developer

**Duration :** Jan 2013 to June 2015

**Responsibilities:**

* Developed Responsive User Interface (UI) pages using HTML, CSS2/ CSS3, JavaScript, jQuery, AJAX, and React JS.
* Developed a powerful Single Page application using React, Redux and ES 2015.Implemented reusable components using React Js which are used in multiple internal projects.
* Developed user interface by using the React JS, Flux for SPA development.
* Used React-Router to turn application into Single Page Application
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Used Redux for maintaining the state and dev tools for monitoring custom UI components.
* Responsible for React UI and architecture. Building components library, including Tree, Slide-View, and Table Grid.
* Developed Single Container Applications by writing the code in React Redux.
* Responsible for ensuring the pattern consistency across all pages.
* Integrated the Java code (API) in JSP Pages.
* Familiar with creating Custom Reusable React Components Library
* Worked on bug fixing, troubleshooting existing issues and improving application performance.
* Handled REST API calls with AJAX and processed JSON data responses to format, validate and display to the user.
* Used JIRA as a Tool for tracking the estimates based on the User Stories and iterations for each sprint.
* Followed Agile Methodology for the project implementation with day-to-day updates through scrum.

**Environment:** HTML5, CSS3, JavaScript, jQuery, Bootstrap, Grunt, AJAX, JSON, Visual Studio, MySQL, LAMP Stack, Git