**Nezam Uddin**

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**Professional Summary**

* **Participate** in developing end to end automation using Selenium WebDriver, TestNG, Maven, Jenkins, Cucumber, Web Services RESTAPI with data driven testing.
* Expertise in FunctionalTesting, RegressionTesting, SmokeTesting, BackedTesting.
* Experience in writing Test plans, defining Test strategy, Creation of Test cases, Test Scenarios, Developing and Maintaining Automation Test Scripts based on business and functional requirements.
* Strong experience and extensively Involved with Requirement Analysts, Test planning calls with Scrum Master, BA’s and developer daily stand up calls with Project release mangers, UAT and E2E team to deliver a quality product to the customer.
* Experience **in Requirements, Test Plan, Test Strategy, Test cases and Defect review meeting,** Reporting progress on test case execution, defect testing and closure, test planning activities Daily/weekly call to the QA management.
* Involved in design and implementation of Selenium WebDriver automation framework from scratch for functional regression test suites using Selenium Web Driver, TestNG, Maven, Jenkins, Cucumber,JAVA, Eclipseand IntelliJ IDEA and using Java exception handling methodology.
* **Participate** in developing End to End Automation Identified test cases to automate the test scenarios using Selenium WebDriver, TestNG, Maven, Jenkins, Cucumberwith data driven testingmethodology and Contributed in creation of framework.
* Hands on experience in writing core java and expertise knowledge of Object-Oriented Concepts (Inheritance, Polymorphism, Exception Handlingand Collections) in developing the selenium framework.
* **Participate** in Selenium WebDriver concepts like designing Project Object Model (POM) and Page Object Model (POM) classes and developed Maven to build files for maintaining test automation & Java based library to read test fromXML& Properties files using TestNG and Selenium Web Driver.
* Hands on experience in Writing test cases using Webdriver Methods, Java Programming Features, TestNGAnnotation, element locators, Firebug and FirePath, Chrome Path, Xpath Finder to find the elements on the web page based on the element locator ID, Name, Tag, Class Name, XPath, Link Text, Partial link Text, CSS Locator.
* Experienced in using Apache POI to read data from external sources like Excel Sheet and provide them as parameter to feed the locators into the test script.
* Extensively used Selenium such as Takes Screenshot for Capturing Failed test cases, select for selecting multiple values from list.
* Experienced in using GitHub as a source repository system to share code within the office (onshore) as well as with the overseas (offshore) team. Worked on source version control tools such as GIT.
* Experienced in using Version control of Jenkins server configuration with GIT and test execution and reporting through Jenkins
* Experienced in using Maven Performed continuous integration of code and scripts using Jenkins Jobs for nightly batch run of the Script and analyzed the Test Results from Jenkins UI.
* Involved in Generating test logs for various log levels and Created .au3 files using AutoIT to interact with the desktop windows to upload files.

**Technical Proficiencies**

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| **Industries** | **Finance, Insurance** |
| **SDLC Methodologies** | DevOps, Agile-Scrum and Waterfall methodologies |
| **Operating System** | MS Windows, Mac, Unix, Linux, CentOS, Kali Linux, RedHat Linux |
| **MS tools** | MS Visual Studio, MS Visio, MS SharePoint,MS Project, MS Office |
| **Programming Languages** | Java, C, C++, C#, SQL, Gherkin, JavaScript, HTML, CSS, XML |
| **IDE** | Eclipse, Netbeans, Intellij IDEA, Codenvy |
| **Databases tools** | Oracle SQL \* Plus, Toad, Oracle 10g,11g, Microsoft SQL Server2008, 2008 R2, My SQL, 2012, SQL-Developer, |
| **Terminal Emulator** | PuTTY, Git bash, Git CMD |
| **Test Automation tools and APIs and opensource** | Selenium IDE, Katalon IDE, Selenium Java 3.6.0, Selenium Server Standalone 3.6.0, Google Chrome Driver 2.33, Mozilla GeckoDriver 0.19.0, IEDriverServer 3.6.0, HP QTP/UFT, Maven, Jenkins, JMeter, ANT, Gradle, Log4j, Extent report, auto-IT |
| **Test Framework** | Junit, TestNG, Cucumber |
| **Bug Tracking Tool** | Jira, Bug-Zilla, Mantis |
| **Project management Tools** | Jira, Zephyr, Zapi, Confluence, HP ALM, MS TFS |
| **Web Service** | RestFul Api, Rest Assrued, Postman |
| **Web element locator** | Xpath, CSS selector, DOM, Json and JavaScript |
| **Web Debugging tools** | Fire Path, FireBug, Chrome-Path, Xpath Finder |
| **Change Control &Version Control** | SVN, Strash/BitBucket, Github, Bamboo, Groovy |
| **Other Tools** | Office Suite, SharePoint |

**Work Experience**

**QA Selenium Tester Nov’16 toOct’18**

**Geico Insurance Company, Chevy Chase, MD**

**Description:** As a part of the automation QA testing team I'm involved in carrying out several types of testing and executing test cases for different Auto insurance and P&C applications. I was involved in performing analysis in discovery phase, identifying end to end (E2E) processes and workflows, worked with the business teams in prioritizing the implementation of the various processes. I worked in Agile/Scrum methodology.

**Environment**:

Agile, Java, Selenium WebDriver, TestNG, Cucumber, Maven, Jenkins, SOAP UI, Eclipse, Oracle, Toad, Unix, Git, Github,ALM, AutoIT, Xpath, CSS selector, Chrome Path, Xpah Finder, JavaScript, Eclipse IDE,Utility Jar, Apache Tomcat, MS Project, Extent report.

**Responsibilities:**

* Determine test objectives and standards by studying Software requirements and writing test plans, test cases and test scripts and working closely with the Developers in the review and modification of the product and its specifications using Agile-testing methodology.
* Involved in designing and developing the Maven framework/automation scripts for new enhancements using Selenium WebDriver and TestNG prior to agile release and resolved the issues identified in automation.
* Collected weekly status reports to ensure that all deliverables are met on time and on schedule.
* Created Use Cases from the list of requirements and prepared use case diagrams
* Involved in integration testing with added features like color and size.
* Created and maintained an Excel database.
* Create requested reports for users from SQL Views within the database to confirm accurate information is provided.
* Developed Test cases manually and generated Automation Scripts using open source tools like Selenium Web Driver, TestNG, Maven, Jenkins and SOAP UI/API.
* Performed QA Automation testing, Integration and Regression testing activities for new releases in an End-to-End environment.
* Involved in Designing & Developing data driven framework using Selenium WebDriver, TestNG and implemented automated test script for regression test suite to send the regression result automatically.
* Used SOAP UI for XML Validation and API testing.
* Developed Selenium scripts to find, verify, select, edit and perform various operations on web elements. Used Select class to perform operations on the dropdown list.
* Tested compatibility of application for dynamic and static content under various cross browsers using HTML IDs, XPath, CSS in Selenium.
* Wrote Selenium script for taking screenshot and used Actions class to perform mouse and keyboard events.
* Used JMeter for Performance testing.
* Used Apache POI to read data from external sources and provide them as parameter to the locators in the test script.
* Created XML based test suit and integrated with Jenkins Server to execute automation scripts on a regular basis by scheduling Jenkins jobs in different test environments with different test configurations.
* Used HP ALM for defect management.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex SQL queries from oracle database.
* Prepared detailed reports of Bugs and Defects, Pass/Fail reports and comparison analysis, and interacted with the development teams, application and data architecture team, migration and build teams to report and correct defects.

**Automation Tester Apr’14 to Aug'16**

**Sandy Spring Bank – Olney, MD**

**Description**: Sandy Spring Bank provides investment management, retail and commercial banking, consumer finance and investment banking services. I was involved in the ‘**Online Personal Banking**” module of the website where account holders can check their accounts and balances by entering their username and password. They are also provided the service of instant transfers of funds between checking and savings accounts. The option of paying their bills using online banking services, changing their profile etc is also available.

**Environment:**

JUnit, TestNG, Cucumber, Gherkin, Maven, Jenkins, Unix, XML, GIT, SOAP UI, JMeter, GitHub, Java, SQL Server, Toad, Windows, Jira, Selenium IDE, Selenium WebDriver,HP ALM, Xpath, CSS selector, ChromePath, Xpah Finder, JavaScript, Eclipse IDE. Apache POI, Extent report, ResTFul API, Postman

**Responsibilities:**

* Drafted Test Plan which included testing objectives, testing phases, scenarios and test environment after a thorough analysis of the business rules.
* Tested the application in highly dynamic environment with sprint team using Agile Methodology.
* Developed Test Plan with a Test Strategy for the System testing. Instrumental in creating design and frame work for automation.
* Responsible for performing the functional testing, regression testing and compatibility testing for the web applications on windows platforms.
* End to End functional and regression testing of all system components of the application and identifying test scripts for UAT.
* Created all Test Plans, Test Cases and Manual and Automated Scripts to create greater coverage for all initiatives assigned.
* Involved in design and implementation of Selenium Web Driver automation framework for smoke and regression test suites (TestNG)
* Tested, resolved and documented the issues in the Test environment and ensure the software is working while producing a high quality final product. Deploy the application out of the test phase to be released into Stage environment.
* Used Selenium WebDriver API with TestNG to automate tests on cross browser and cross platform environment.
* Developed scripts to navigate-to various iframes and to handle multiple windows and performed operations on the web elements.
* Used TestNG Annotations in Selenium Web Driver and executed a batch of tests as testing suite.
* Implemented Automated execution of tests (nightly and need based) using Maven and Jenkins.
* Involved in validating functional, Integration and Regression and Sanity test suites using Selenium and the request and response of the Web Services REST through Postman.
* Used Firebug, Chrome Path to do web-based testing with selenium for the commands and locator application.
* Involved in executing SQL queries and SQL procedures, functions and packages for backend/Database testing.
* Logged defects in HP ALM.
* Involved in executing and integrated automation scripts (Selenium WebDriver API) on Continuous Integration tool Jenkins for nightly batch run of the Script.
* Attended various meetings with the developers, clients, and the management team to discuss major defects found during testing, enhancement issues, and future design modifications.

**QA Analyst Mar’12 to Feb'14**

**PNC Bank, Pittsburgh, PA**

**Description**: It’s Mortgage application is designed basically to emphasis on integrating functionality and smooth delivery of mortgage application throughout the home mortgage Brokers and borrowers. **Environment:**

JUnit, TestNG, Cucumber, JMeter, SOAP UI, Gherkin, Maven, Jenkins, Unix, XML, HP Quality Center, GIT, GitHub, Java, SQL Server, Toad, Windows, Jira, Selenium IDE, Selenium WebDriver, Xpath, CSS selector, ChromePath, Xpah Finder, JavaScript, Eclipse IDE. Apache POI, Extent report, ResTFul API, Postman

**Responsibilities:**

* Extensively used Selenium (data-driven, XPath locator) and Web Driver to test the web application.
* Responsible for implementation of Hybrid Test Automation Framework build using Selenium, TestNG and Maven technologies under Java platform utilizing industry leading harness design patterns and approaches.
* Extensively used selenium IDE to record, playback and debug individual test cases, using selenium Web Driver provided more flexibility in automating test cases.
* Created selenium /java tests for advertising regression testing and production monitoring purposes.
* Used JMeter for Performance testing.
* Used SOAP UI for Web Services testing.
* Used Cucumber for the entire regression testing and functional testing with Selenium as primary tool to the Test Scenarios, Test Cases and Test conditions identified.
* Developed Hybrid Test Framework using Selenium WebDriver, JMeter, Python, Maven, Cucumber and TestNG.
* Used Base Camp tool to keep track of project discussions, files and events from beginning to end.  Perform acceptance testing using Cucumber.
* Used Maven for building the Web Driver project. Integrated with Continuous Integration tools Jenkins for running test on nightly basis automatically.
* Worked on proof of concept to Automate Functional and Regression Testing using selenium tool.
* Performed functional testing to identify various critical points in the application and automated it by using Selenium WebDriver with TestNG.
* Used HP Quality Center for defect tracking and management.
* Experience with Assertions like Schema Compliance, XPath and SOAP responses.   
  Implemented Regression and Smoke tests execution as separate step of deployment process.
* Worked on regression testing, automation estimation, design and framework. Provided the detailed implementation plan to management.

**Education**

**Master’s in Information System**

**Work Authorization**

Permanent Resident (Green Card)