# MINH VO

QA Automation Engineer

**SUMMARY:**

Over 6+ years of IT experience as a Senior QA Automation Engineer in Software Testing, proficient in Client/Server and Web based applications. Expert in Automation Testing (Selenium WebDriver), API Testing, Mobile Testing, and Manual Testing. Experience in performing clerical and administrative tasks and providing excellent customer support.

* Proficient in software issues identification and documentation.
* Proficient in using Selenium tool for web application and automating regression test cases using Selenium WebDriver.
* Expertise in different phases of Software Testing Life Cycle (STLC) and Software Development Life Cycle (SDLC) including methodologies like Agile and Waterfall.
* Actively involved in Scrum Methodology for the project from requirements through delivery of the project.
* Hands - on experience in the preparation of Test Plans, Test Cases, Test Reports, Requirement Traceability Matrix.
* Strong Experience in Java Programming, Selenium WebDriver and TestNG.
* Writing Test cases using Element locators, WebDriver methods and Java programming features.
* Expertise in performing Functional Testing, Integration Testing and Regression testing.
* Ability to perform Compatibility testing with different browsers like Firefox, Chrome, IE, Safari and with different operating systems like Windows, Android, Mac OS.
* Experience in using Selenium Grid for Cross-Browser and Compatibility Testing to test whether the web applications are working as desired in different browsers and environments.
* Developed Test Scripts to implement Features, Test Scenarios and Step-Definition for BDD (Behavior Driven Development) using Cucumber (Gherkins format).
* Expertise in Core Java and Object-Oriented Concepts (Inheritance, Polymorphism and Collections).
* Good hands-on experience on various test management tools like Jira, HP-ALM and Quality Centre.
* Hands-on experience with all levels of testing viz., Integration, Regression, Smoke, Functional Testing, System testing and UAT.
* Good Exposure to Testing Life Cycle and Bug Life Cycle.
* Experience in developing Selenium automation framework using TestNG and developing Maven targets to execute automation suites.
* Experience in doing automation testing for Mobile application using Appium tool and Perfecto mobile software, which involves IOS and ANDROID platforms.
* Performed functional testing of web services using SOAPUI and RESTful web services. Added assertions to validate the XML or WSDL file.
* Maintained the Selenium & JAVA automation code and resources in configuration management tools like GitHub repository over the time for improvements and new features.
* Responsible for developing the scripts to support Jenkins (Continuous Integration) of the scripts with the build server.
* Performed Database Testing with SQL and automated Data Validations using JDBC.
* Conduct test case reviews, provide project related status reporting, coordinate all release planning and lead the testing team through all project phases.

**TECHNICAL SKILLS:**

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| **Quality Assurance and Testing**: Creating test strategy, test plan, test cases, test data and test execution, creating and managing defects, generating test execution scorecards and test dashboards. |
| **Domain Knowledge:**E-Commerce, Banking, Health &Welfare |
| **Test Approaches:**Waterfall, Agile/Scrum, SDLC, STLC. |
| **Operating System:**MAC, Windows XP/7/8/10, LINUX. |
| **Defect Management Tools:**JIRA, HP Quality Center. |
| **Database:**MY SQL, Oracle. |
| **Web Technologies:**HTML. |
| **Automation Tools:**Selenium, Protractor, Jenkins. |
| **Testing Tools:**Selenium WebDriver, TestNG, Selenium IDE, Selenium RC, Selenium Grid, Cucumber, SoapUI, ALM. |
| **Domain Knowledge:**Financial, Banking, Health &Welfare. |
| **Markup Languages:**HTML, XML, XPath, CssSelector. |
| **Browsers:**Internet Explorer, Mozilla Firefox, Google, Chrome, Safari. |
| **Languages:**JAVA, C# |
| **MS Office Tools:**Outlook, Word, Excel, PowerPoint, MS Access. |

**PROFESSIONAL EXPERIENCE:**

**Client: Ciena, MD**

**QA Automation Engineer Aug 18 – present**

**Project Description**: This project experience with developing an e-commerce website for Online Sale. It provides the user with a catalog of different product available for purchase in the online. The system is implemented using a 3-tier approach, with a backend database, a middle tier of Business Center (BC) and a web browser as the front-end client. Application was web based which enables the customer to perform online shopping

**Responsibilities:**

* Worked with Product, Design, and Engineering teams on requirements gathering and evaluation.
* Extensive Knowledge in Agile Methodology and participated in Sprint planning, Sprint Retrospective, and daily Scrum meetings.
* Involved in Analysis and Review of the Draft Use Cases and User-Stories for every Release.
* Developed Test Scripts to implement Test Cases, Test Scenarios, and features for BDD (Behavior Driven Development) using Cucumber in Gherkins format.
* Assisted in developing keyword driven and descriptive programming framework for automation defects.
* Detected, reported and tracked defects using JIRA.
* Participated in creation of source and target systems using ETL Process and worked with various databases.
* Involved in User Acceptance Testing (UAT).
* Work in Selenium IDE and Selenium Web Driver and execute the test cases using Selenium Web Driver.
* Implemented automation using Selenium Grid to perform testing on multiple devices.
* Performed Functional, Smoke, Usability, Integration and Regression Testing
* Worked in protocols such as web Services, HTML, SOAP, XML
* Performed functional testing of web services using SOAPUI and RESTful web services.
* Performed Mobile Testing of Android based Apps using Appium
* Implemented TestNG unit testing framework for the smoke test and used all annotations effectively
* Integrated the selenium smoke test into Jenkins for continuous integration.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium WebDriver and Jenkins.
* Actively involved in black box, grey box and white box of the application.
* Applied synchronization points and checkpoints wherever required.
* Developed test cases and scripts, and created virtual users in LoadRunner for Load, Stress and Performance testing of the application
* Interacted with developers and business Users to communicate the defects.

**Client: Deloitte, Mclean, VA**

**QA Automation Engineer July 17 – July 18**

**Project Description**: I’m involved in dealing with Front End (Business Rules, Validation (SQL) & Back End Testing (Unix/SQL Validation), Mainframe Batch Process, Web Service Testing. Also involved as a Programmer Analyst in multiple Project Requirement

**Responsibilities:**

* Understanding the Requirements and Functional Specifications of the application.
* Performed Regression testing for new builds and every modification in the application using Selenium WebDriver.
* Used Firebug Tool to identify the Object's id, Name, XPath, link in the application.
* Performed cross-browser testing.
* Used Selenium GRID to execute test cases on multiple platform.
* Responsible for updating and maintenance of existing selenium scripts.
* Performed testing on web services using SOAPUI with XML web services and SOAP.
* Created positive and negative assertions based on the business requirements.
* Participated in identifying the Test scenarios and designing the Test cases.
* Prepared and Executed Test cases as per System Requirements
* Involved in GUI, Functional, Regression testing and System testing.
* Involved in Bugs Tracking & Prepare Bug Report Document.
* Involved in weekly review meetings.

**Client: Prudential Insurance Company, Vietnam**

**QA Analyst Jan 13 – Nov 16**

**Project Description:** This is a web- based application, where registered customers can view information regarding eligibility, benefit information, coverage, claims and other details of their plans. I also developed sufficient sets of scripts to be simply run whenever there is a change in the application.

**Responsibilities:**

* Confidential ended Weekly Status meetings, Walkthrough meetings, QA meetings, and bug review meetings.
* Test data required for the Automated test scripts are created in MS Excel.
* Used various classes of Selenium like Alerts, select to handle various scenarios
* Sync points are used wherever necessary to make the scripts pass.
* Page Object Model approach has been implemented to reduce code redundancy.
* Used Java as programming language with Selenium to test web application.
* After execution, generated test reports have been shared with all the team members.
* Identified defects have been logged in Defect tracking tool HP Quality Center.
* Defect triage meeting had been conducted to discuss the status of the defects regularly.
* Test and Run various APIs as part of System Integration Testing.
* Worked and communicated with programmers, project managers and other groups in order to set and meet quality standards and deadlines.
* Used Quality Center to store all testing results, metrics, implemented test plan document, created test cases, Defect tracking and reporting.

**Education:**

MBA, Information Technology Management at Virginia Tech University, VA, USA