**Muna Bilbaria**

**munabilbaria@gmail.com | 313-246-7233**

Farmington Hills, MI | Available for relocation | **|** U.S. Citizen

U.S Citizen with 3+ years of working experience in Software Quality Assurance, including web based applications and automotive infotainment systems. Well versed in Software Development Lifecycle, Software Testing Lifecycle and Agile methodologies. Experienced in manual testing and automation testing. Looking to join an organization where my skills and experience will be utilized for further growth.

**Technical Skills**

**Automation Tools:** Selenium IDE, Selenium Web-Driver with Java

**Testing Frameworks:** TestNG, Page Object Model/Page Factory, log4j, DDT

**Build Management:** Maven

**CI Tools:** Jenkins

**Version Control:** GIT

**Web Services:** SoapUI, Postman, Rest-Assured

**Programming Languages:** Java, JavaScript, CSS, SQL

**RDMBS:** MySQL Work Bench

**Operating Systems:** MacOS, Windows 10, Linux, Unix

**Browsers:** Chrome, Firefox, Safari, Internet Explorer

**Defect Tracking and Project Management Tools:** Quality Centre, Bugzilla, Jira

**Embedded Software Testing Tools**: Blue PiraT, NeoVi Fire, Vehicle SPY 3

**Work Experience**

**HAP Insurance** **March 2020 - Present**

Southfield, MI

**Software Quality Assurance Engineer**

* Partook in feasibility, adaptability study and risk analysis to identify the business critical areas from user perspective and supported multi-tier applications.
* Ran compatibility testing across various browsers i.e, Chrome, Safari, Firefox, Internet Explorer using Selenium Grid.
* Maintained, customized, enhanced and executed Regression Test suite.
* Developed and executed reusable Functional test cases using Selenium Web-driver in Java.
* Prepared and tested different sets of data for Data-driven testing using Apache POI.
* Generated daily logs and extent reports.
* Peer reviewed Code prepared by team members.
* Performed validation of data updates, extraction and transformation using complex SQL queries.
* Maintained automation code and resources using GIT version control.

**Prestige Engineering July, 2019 – March 2020**

Clinton Township, MI

**Infotainment Validation Engineer**

* Participated in sprint planning following the Agile Methodology.
* Attended Business Requirement review meetings to identify key scenarios for functional testing.
* Reviewed and analyzed application specific documents to determine testing strategies and test cases, including User Requirement Specifications and Functional Specifications.
* Participated in all the phases of SDLC right from User Story reviews to deployment and interacted with all of the technical teams to ensure overall quality of application.
* Created Test plans, Test scenarios, and Test cases analyzing the User cases and updating the Traceability Matrix to check coverage analysis.
* Performed Manual testing of the entire application for Functionality using Business Logic and User Stories.
* Performed Manual, Ad-Hoc, Smoke, Sanity, Regression, Functional, Load, Positive and Negative testing.
* Prioritized and classified bugs as well as generate and track bugs/defects using JIRA.
* Performed Bench & In-Vehicle testing for automotive infotainment units.
* Wrote and executed test cases for domains such as Navigation, AM/FM Tuner, SeriousXM, Voice Recognition, Android phones and Apple car play.
* Performed black/white validation testing for WIFI Networking Bluetooth/Connectivity.
* Hands on experience with NeoVi and Vector CANoe for vehicle resets/simulation.
* Performed performance testing using LoadRunner, Rational Performance Tester and QTP.
* Ensured tight deadlines were met in fast paced Agile environment.
* Attended weekly team meetings, general training meetings, test case review meetings, defect triage meetings, Sprint review meetings and core project meetings with clients.
* Worked with multiple clients including Ford and Fiat Chrysler Automobiles.

**Mobis North America September, 2017 – June, 2019**

Plymouth, MI

**Software Multimedia Test Engineer**

* Analyzed User Requirement Specification and Functional Specifications.
* Infotainment, Multimedia, Navigation, Human Machine Interface cooperating with Hyundai America Technical Center, Inc. (HATCI).
* Performed sanity testing for Multimedia, Navigation, Wi-Fi, Bluetooth connectivity, AM/FM Tuner.
* Performed manual Ad-hoc, Smoke, Functional, and Regression Testing on GUI.
* Wrote and executed test cases for domains such as Navigation, AM/FM Tuner, SeriousXM, Voice Recognition, Android phones and Apple car play.
* Prioritized and classified bugs; generated and tracked defects using HP Quality Center and JIRA.
* Created and maintained Requirement Traceability Matrix (RTM) document.
* Performed black/white validation testing for WIFI Networking Bluetooth/Connectivity.
* Hands on experience with NeoVi and Vector CANoe for vehicle resets/simulations.
* Attended weekly team meetings, defect review meetings, and daily scrum meetings.
* Software functional and system testing on Hyundai Test Benches and In Vehicle Infotainment Testing (IVI).
* Experienced using Blue PiraT software tool for IVI testing.
* Experienced in different types of calibrations and diagnostics to ensure CAN Bus Signals.
* Experienced in executing test cases across multiple platforms and builds in an Agile environment.
* Worked to ensure assigned testing tasks meet the deadlines.
* Ensured status and communication reports were detailed, comprehensive and accurate.

**Education**

**Bachelors in Information Technology Management**

**University of Michigan**

Dearborn, MI

**Software Quality Assurance**

**Completed online training**

ITGlobalTraining