

Name: Melwin Mathew-----==
Email: mmathewfcb@gmail.com
Cell: 682-325-7355
QA AUTOMATION ENGINEER LOOKING FOR C2C POSITIONS.

PROFESSIONAL SUMMARY:

6+ Years of experience in the field of Software Testing with good exposure in Quality Assurance and Testing Process along with Automation Tools Expertise, testing Web-Applications, Tosca Automation Testing, Telecom domains, Database, Web Services testing, Mobile Applications using IOS and android.

- ❖ Experience in all stages of the **Software Development Life Cycle** and QA Life Cycle and in all dimensions of Functionality, Usability & Reliability.
- ❖ Proficient in using test automation tools such as Selenium **WebDriver/RC/IDE/Grid, QTP** and Mercury Quality Center to develop automation testing scripts for web and client server applications.
- ❖ Good experience in mobile testing using **APPIUM** in both **IOS and Android** applications using simulator and emulator.
- ❖ Knowledge of Automation Tool like **Selenium, protractor**.
- ❖ Good experience on Selenium Automation using WebDriver and Server. Heavy programming using **Java/C#, Junit, NUnit, TestNG, Cucumber, Specflow**.
- ❖ Performed UI and API testing using **Cypress** and created from framework from the scratch.
- ❖ Expertise in functional testing **AUT** using Selenium IDE and Selenium WebDriver using Junit/NUnit/TestNG testing **framework**.
- ❖ Experience in working with Build Systems like Ant, Maven and continuous integration systems like Jenkins, Azure DevOps.
- ❖ Able to Document, maintain, and monitor software problem reports via QC ALM, JIRA, Bugzilla and TFS.
- ❖ Good experience in Web Services testing using **SOAP UI, XML** and **WSDL** and in providing required input data to request **XML** & get the required data from response XML & use the response data from other request XML using **SOAP UI**.
- ❖ Experienced in load and performance testing tool **JMeter**.
- ❖ Extensive experience in designing **Test Cases, Test Scenarios, Test Scripts** and Test reports of manual and automated tests.
- ❖ Experience in **unit testing, functional testing, user acceptance testing, integration testing, system testing, performance testing, sanity testing, exception testing, compatibility testing & security testing** of client/server and **web-based/mobile** applications.
- ❖ Excellent knowledge in writing unique **XPath** using firebug and fire path to identify web elements.
- ❖ Experienced in providing the efficient locators strategy like **XPath** and **CSS** to run **WebDriver** script in stable condition.
- ❖ Working experience with defect tracking tools like **Jira, Rally** and Test Director/Quality Center (QC) and **Team Foundation Server (TFS)**.
- ❖ Experience programming in Java, C#, Python, JavaScript, **HTML, XML** and SQL on Windows XP, Vista Operating Systems and UNIX environments.
- ❖ Expertise in performing the Functional Testing, Regression Testing, Integration Testing for the apps on different platform like **Java/C#**
- ❖ Expertise in performing **manual testing & Mobile Application** Testing using **Appium**.
- ❖ Experience in both Waterfall and Agile project environments.
- ❖ Extensive experience with **Visual Source Safe** and Microsoft Office tools (MS-Word, PowerPoint, Excel, and Access).
- ❖ Proficient in testing databases of applications developed with SQL Server, Oracle, and MS Access.
- ❖ Strong in writing **SQL queries** to perform backend data validations
- ❖ Involved in automation testing using TOSCA.
- ❖ Worked for TOSCA integration with Jenkins.
- ❖ Have built a test automation framework based on **Page Object Model, TestNG** and Selenium **Web driver**
- ❖ Excellent experience with source version control tools such as **Subversion (SVN), Git and Azure Repo**.
- ❖ Excellent interpersonal skills, proven team player with an analytical bent to problem solving and delivering under high stress environment
- ❖ Good analytical and **communication skills** and ability to work independently with minimal supervision and perform as part of a team.

TECHNICAL SKILLS:

Testing Tools	Selenium Web Driver/IDE/GRID, HP Quality Center, JUnit, Cucumber, Log4j, TestNG, SOAPUI, POSTMAN, Rest Assured, Appium.
Language/ Script	Java, JavaScript, C#, Python, C.
Build/ CI Tools	Maven, Jenkins, Azure DevOps.
Firefox Add-ons	XPath, Firebug.
Bug Tracking Tools	JIRA, Rally, Visual Studio TFS .
SOA Technologies	SOAP, REST, SOAP UI, Web Services.
Web development	HTTP, JavaScript, Python, HTML, XML, CSS.
Frameworks	Tricentis Tosca, Eclipse , Junit, CCAR, QTP, UFT,TestNG, TDD, BDD, Junit, Robot framework.
Databases Technologies	Oranotcle 9i/10g/11g,MS SQL Server, MS Access, Oracle PL/SQL, MYSQL.
Platforms	Windows, Mac, UNIX, Linux.

EDUCATIONAL DETAILS:

Graduated from Viswajyothi College Of Engineering and Technology, Muvattupuzha, Kerala, India as in Computer Science & engineering on May 2017

Client: CIGNA, PHILADELPHIA, PA

December 2021- Present

Role: Sr. SDET

Responsibilities:

- ❖ Written **Test Plan, Test Scenarios, Test Cases** for Web based application and worked with team for designing framework according to the requirement.
- ❖ Performed initial **Smoke testing** to determine if the Sprint deployment was stable enough to withstand a major testing effort.
- ❖ Prepared Automated Test scripts using **Java, TestNG, Selenium Webdriver** and **Jenkins** for **UI automation** and functional testing.
- ❖ Performed **configuration/ compatibility** and user **interface testing** manually.
- ❖ Responsible for the execution of the Integration Test Cases and making sure the data is populating in the Integration areas of the modules.
- ❖ Created automation framework in **Selenium WebDriver** using behavior driven (**BDD**) approach with **Cucumber**.
- ❖ Extensively used **Page Objects design** and page navigation framework for readable test script and easy maintenance from developer perspectives.
- ❖ Worked on native mobile app testing for both android and ios using **Appium**.
- ❖ Used **Appium** to create **desired capabilities** and connect to IDE using **appium** host for test execution.
- ❖ Written feature file in Gherkin language and executed the step definition in Cucumber using JAVA for the test cases.

- ❖ Involved in detailed documentation of test results together with the development of automated regression test framework to automate the test scripts for the System integration, Functional, GUI, Data Driven (both positive and negative Testing) and Regression testing using Selenium and Tricentis Tosca
- ❖ Utilized **Android Studio** for **simulator** and **XCode** for simulator to work on Android and IOS applications.
- ❖ Utilized **UI automator, Appium Inspector** to inspect elements to locate elements to write test scripts and execute it.
- ❖ Integrated Automation scripts in **Jenkins** for nightly batch run of the Script.
- ❖ Developed test automation scripts using **Selenium WebDriver** and **Java** for **regression** and performance testing of the various releases of the application.
- ❖ Created test cases manually to perform different types of testing such as **positive/negative, functional, black box** and **backend testing**.
- ❖ Involved in detailed documentation of test results together with the development of automated regression test framework to automate the test scripts for the System integration, Functional, GUI, Data Driven (both positive and negative Testing) and Regression testing using Selenium and Tricentis Tosca
- ❖ Developed framework from the scratch for using **Cypress** to automate UI and used Java script, **NodeJS** and NPM for Angular based user interface.
- ❖ Used **TestNG Annotations** in **Selenium WebDriver** and executed a batch of tests as **TestNG suite**.
- ❖ Developed Selenium scripts in **Java** and **TestNG** for parameterization using **Data Provider annotation**.
- ❖ Conducted System Testing and User Acceptance Testing for every client and Conducted Backend testing writing extensive **SQL** queries.
- ❖ Worked with all modules of TOSCA like Modules, Test Cases, Requirements, Test case Design & Execution Lists
- ❖ Checked the data flow through the front end to backend and used **SQL** queries, to extract the data from the Oracle database.

Environment: Java, Maven, Selenium WebDriver, BDD, Cucumber, TestNG, Appium, Oracle database, Jenkins, Rest API, Postman

Client: State Farm, Bloomington, IL

December 2019 – November 2021

Role: Sr. QA Analyst

Responsibilities:

- ❖ Developed test cases from **business/functional** requirements and uploaded in Azure Test Plan, so that all the test cases could be easily maintained and tracked.
- ❖ Performed System Integration Testing, and Functional testing across different browsers **IE, Firefox, Mac Safari**, and **Chrome** following **Agile** methodology.
- ❖ Tested Web app, Native app using **Appium** for automating the **mobile testing** and performing manual testing according to the requirements.
- ❖ Used **C#** to design an Automation framework to Validate **RESTful Web Services**.
- ❖ Used **Appium with C#** design the automation script for the mobile applications.
- ❖ Performed **backend/ETL** testing for data validation using **SQL Queries** and validated data using **SQL joins**.
- ❖ Used **BDDframework** with **Specflow, C#** and created future files with scenario and scenario outline files.
- ❖ Proficient in Functional Testing Tool Quick Test Professional (**QTP/UFT**) and the various frameworks in **QTP/UFT**
- ❖ Performed Functional, Laboratory, Usability testing of the mobile applications across iOS devices, Android devices and Tablets.
- ❖ Involved in testing both **SOAP** and **REST** services using Rest Assured and tested both **XML** and **JSON** formats.
- ❖ Involved in testing of services using **REST** services using **POSTMAN**.
- ❖ Implementation of Selenium WebDriver automation **POM Framework** for **smoke** and **regression test**.
- ❖ Used **Simulators** to make replicas of mobile phones for testing purposes.
- ❖ Used **Azure Board** to capture, log and track the defects found during the testing cycle for all releases.
- ❖ Performed **ACCESSIBILITY TESTING** and ensured all Active Elements Receive Keyboard Focus and Ensure Keyboard focus is not provided to inactive elements.
- ❖ Attended Daily Standup/Scrum calls and weekly IT meetings for the project status, test case execution.
- ❖ Created Test cases using Element locators and Selenium **Web driver** methods.
- ❖ Responsible for execution of **Selenium** Test cases and reporting defections.
- ❖ Designed Functions Library Subroutines, common functions, utilities functions, Regular Expressions and environmental variables

- ❖ Tracked the working user stories and created defects in **Jira** for test management.
- ❖ Involved in Regression Testing using **Azure DevOps** repo and pipeline.
- ❖ Validated and Generated the Test Reports for all test execution cycles performed.

Environment: C#, .Net, Selenium WebDriver, BDD, Specflow, NUnit, Appium, SQL, Azure DevOps, Azure Board, Android Studio, POSTMAN, Agile

Client: PizzaHut, Plano, TX

October 2018 to November 2019

Role: QA Analyst - Web/Mobile Automation

Responsibilities:

- ❖ Designed Test Automation scripts for web apps using **Selenium Webdriver**.
- ❖ Designed Test Automation Framework for REST WebServices using SoapUI with Groovy.
- ❖ Developed ATDD framework for testing Web application features using **Gherkin, Cucumber and Selenium Web Driver** for the admin and provider web applications.
- ❖ Setup Maven Build tool for **ATDD** feature execution on eclipse.
- ❖ Implemented Data Driven Testing with Data Providers and Excels for Selenium.
- ❖ Used Stubbing technique for top-down integration testing.
- ❖ Executed functional testing, regression testing, Server testing, Network testing and medical device testing.
- ❖ Integrated **SOAP UI** Test Projects with **JUNIT** and developed a **MAVEN** build for nightly build triggers.
- ❖ Performed Smoke tests and baseline tests on every new build and build patches.
- ❖ Used **SQL queries** using SQL developer for verifying the data recorded by the applications in the database.
- ❖ Used **TFS** and Test Manager for test plan, design, execution, and Defects.
- ❖ Analyzed the performance statistics daily and reported the status in Dashboards to key stakeholders.
- ❖ Performed root cause analysis on test failures and opened defects in Microsoft Test Manager.
- ❖ Implemented Distributed testing using Visual Studio Test Agent and Controller software.
- ❖ Developed **SOAP UI regression automation** suite for REST and SOAP backend services.
- ❖ Integrated **SOAP UI** and **Selenium automation** suites with Jenkins for continuous integrations along with MAVEN.
- ❖ Used **POI API** Test data can efficiently read from excel.
- ❖ Involved in executing the test cases in mobile using APPIUM.
- ❖ Performed test in all kinds of apps like **Native apps, Web apps and Hybrid Apps** using Appium in both **Android** as well as **iOS** platform.
- ❖ Worked in gray box testing of Mobile apps in Android, iOS, & proprietary platforms
- ❖ Prepared, maintained, and executed automated test scripts throughout the testing phase.
- ❖ Stored and maintained Automation test scripts suites in the GIT.

Environment: Java, Selenium Web Driver, Selenium Grid, SoapUI, Groovy, Gherkin, Cucumber, Appium [Android /iOS], Selenium Web Driver Setup Maven, Eclipse, JUNIT, SQL, Jenkins, Apache POI

Client: Sentry Insurance, Stevens Point, WI

Sep 2017 to Oct 2018

Role: QA Analyst - Web Automation

Responsibilities:

- ❖ Performed Functionality Testing and Integration testing using **HP Quick Test Pro (QTP)**.
- ❖ Determined test approaches for various testing strategies like Functional, System, Regression, Usability testing, Alpha, Beta testing and executed using **HP Quick Test Pro (QTP)**.
- ❖ Updated test suites and documents in accordance with the changes in requirements,
- ❖ performed analysis on Test Case Coverage and tracked Requirement Traceability.
- ❖ Involved in using Quality Center for managing the defect. Performed manual Back-End testing by writing **SQL Queries** for validating user information in the tables.
- ❖ Developing Automation scripts using Descriptive Programming and maintaining Local and Global Object Repositories in QTP.
- ❖ Customizing the **QTP** using **VB scripts**.

- ❖ Parameterized the tests by entering different sets of data using QTP.
- ❖ Created Scripts Modular batches in QC and uploaded the scripts from QTP.
- ❖ Rest Web Service testing using Http Client Java library.
- ❖ Performed Manual Testing of this Web application and automated it by using selenium.
- ❖ Identified software defects and interacted with developers to resolve them.
- ❖ Performed **SOA** testing for Payments **APIs** using **SOAP UI** and Java framework for web services testing.
- ❖ Used **SOAP UI** assertions and Groovy script for web service Automation Testing.
- ❖ involved in developing Manual Test Cases for Functional testing, **User interface (UI)** testing and database testing to test **Application under Test (AUT)**.

Environments: QTP, SQL Server, Quality Center, VB script, HTML, Java Script, SoapUI.