Fahim Hasan

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Professional Summary:

- Experience in performing **Manual and Automated Testing**, **leading offshore and onshore testing team** and proficient in creating **automation scripts** from scratch and.
- Experienced with several types of testing like **GUI testing**, **Web testing**, **Regression testing**, **User Acceptance Testing**, **Functional Testing, System Testing**, **Integration Testing**, **End to End Testing, Database Testing.**
- Extensively utilized **Selenium WebDriver API**s, **Tosca**, **Playwright, Katalon Studio, Cypress**, for writing test suites and test cases for testing functionality with the Selenium Server.
- Performed on **TestNG**, **BDD Cucumber framework** for Unit and Functional testing, **Maven** for Project building, Jenkins for **Continuous Integration**.
- Knowledgeable of developing different types of frameworks like Module driven, Data-driven, and **Hybrid** & strong experience in **cross-browser, cross-platform** testing with WebDriver**.**
- Involved in using **Jenkins** as a Continuous Integration server to configure with **GitHub** and **Maven.**
- Proficient in creating business-based **functional Test Scenarios**, **Test plans**, **Test cases**, **Test Scripts**, **Test Specifications**, and **Traceability Matrix**, including both Manual and Automation testing of the applications.
- Expertise in documenting defects with high-level detail, accuracy, and informative recreation steps using HP ALM/Quality Center, **JIRA**, Rally.
- Solid in writing and executing **SQL** queries and NoSQL to perform Data Validation and Back-end testing of databases to check the integrity of data, database implementations for results validation and data mining.
- Read code written in different programming languages, **Java, JavaScript**, **Python** and databases like **Oracle, PostgreSQL, SQL Server**.
- Experienced in using **Git** as a source repository system to share code within the office & overseas team.
- Testing Web Services using Postman & experience in Mobile App testing by using Kobiton, Mobile Labs.
- Interested in learning **Data Quality testing** Azure Data Lake, Hadoop, Data Warehouse, Azure Data Factory, Azure Test Plan, Big Data, Snowflake, Spark, PySpark, Scala, MDM and Salesforce data validation., GraphQL, SASS, Gulp, or Grunt, AWS

Technical Skills:

Testing Tools	Selenium (JAVA, Python), JIRA, TestNG, Postman, TOSCA Katalon Studio, Cypress, Webdriver.io, Playwright
Platforms	Windows 7/8/10, MAC OS, Android, IOS
Languages	Java, JavaScript, Python, Html, Json, XML
Database	Oracle, MySQL, SQL, MongoDB
Browsers	Google Chrome, MS Internet Explorer, Mozilla Firefox, Safari, Microsoft Edge
Methodologies	Agile, Waterfall

Certification:

Tosca Automation Specialist Level 1

Microsoft Azure AI Certification

Work Experience:

Software Engineering Specialist, Accenture - Dallas, TX, Jan 2022 - Present

Responsibilities:

- Coordination with each product owners for **Functional Testing**, **API testing**, **Web testing**, **CATO testing**, **integration testing**, **UAT testing** and **Usability Testing**
- Experience of continual evolution of automation tools with Katalon Studio, Selenium, Cypress.io and Node.js, Playwright, for mobile testing **mobile labs** & methodologies, testing processes. Agile trained/experience and quick learner.
- Participated in Agile process backlog grooming, Sprint planning, Story point estimation, Daily stand ups, Sprint demo and Retrospectives.
- Capable of working as software development engineer in testing role (SDET) in SCRUM teams to perform contract testing, BE/API/Ms testing, **CI/CD** and **Jenkins** configuration.
- Expertise in identifying opportunities for **automation test preparations**, setup and configuration.
- Experience of automation tools and software for non-functional test automation like **accessibility testing**, metrics/ reporting testing etc.
- **Reporting defects**, working with Test Data Team, working with service virtualization teams and reporting the testing progress in all status calls.
- Developed **test plan** and **test cases**, **Test case execution** and defect reporting in **JIRA.**
- Involved in using Cypress for UI, Kobiton native & API Testing with Rest-Assured maven and **Postman.**
- Identified web elements, Used **Xpath**, **XQuery** and **CSS selectors** to find dynamic elements **&** automated cross browser testing for IE, chrome, and Firefox.
- Sent weekly progress reports to test manager & create Training module for employees.
- **Jenkin** integration with MAVEN and TestNG, Page object model and page factory implementation for Test suite, Data driven testing using TestNG xml bind with CSV files.

Sr. QA Automation Engineer, CapitalOne - McLean, VA, August 2019 - Dec 2021

Responsibilities:

- Designed and Developed Test Cases for automated testing using Tosca, Selenium, TestNG, Cucumber, and Eclipse IDE, Python.
- Configured Selenium WebDriver, Maven tool, and automated scripts in java using Cucumber.
- Involved in testing applications on different Platforms such as angular, iOS, and Android & Hands-on experience in mobile testing using simulator SeeTest.
- Created test cases, scripts based on functional specification, prepared test data for testing.
- Developed Test cases manually and generated Automation Scripts using open-source tools like Selenium Web Driver, Java, Maven for the dependencies, Jenkins , and AWS.
- Used & performed Web Service API testing Postman. Worked on distributed test automation execution on different environments as part of Continuous Integration Process using Jenkins.
- Reported bugs into Jira & Coordination with Business users for UAT testing.
- Worked on Selenium GUI Object/element verification was done through XPath, CSS Locators.
- Used Junit framework to run unit test and Maven to build the Project. Manual and Automated Testing Approaches adapted in Agile methodology.

- Maintained and Debugged the Selenium and Java automation code and resources in the GitHub source control.

QA Automation Engineer, CVS Healthcare, Irving, TX. Jan 2016- July 2019

Responsibilities:

- Automated test cases using Element Locators and Node.js, Cypress, Selenium WebDriver methods with Eclipse IDE, Visual Studio Code, Java, JavaScript, Selenium Jars, TestNG, BDD Cucumber, and Page Object Model (POM).
- Used Maven build tool to manage framework dependency jar files, plugins, test suites, etc. & performed continuous integration using Jenkins.
- Involved in Designing & Developing data-driven framework using Selenium WebDriver, Cucumber and implemented Java Mail to send the regression result automatically.
- Created and enhanced numerous test scripts to handle changes in the objects, the tested application's GUI, and the testing environment using Selenium WebDriver.
- Developed test automation scripts using Selenium WebDriver for regression testing for apps releases.
- Extensively used Page Objects design and page navigation framework for readable test script and easy maintenance from developer perspectives.
- Involved in executing SQL queries, functions, and packages for backend testing.
- Updated the progress and the results of the various tests executed by sending day-to-day corresponding TestNG Reports to the QA Manager.
- Performed Web Service API testing & mobile testing using simulator SeeTest.
- Created JIRA tasks for all the defects found during the functional and regression testing.
- Developed Requirement Traceability Matrix (RTM) to trace requirements.

QA Automation Engineer, Citizens Financial Group, Providence, RI. Jan 2014 - Dec 2015

Responsibilities:

- Participated in story grooming sessions and wrote acceptance criteria with business team, Agile/Scrum.
- Involved in testing applications on different platforms such as API, Web, iOS, and Android.
- Performed compatibility testing with various mobile handsets, emulators, and simulators to ensure that functionality was working as expected.
- Good understanding of Test Deliverables such as Test Plans, Test Cases, Risk Analysis reports, Requirement Traceability Matrix, Defect Report and End to End test flow.
- Extensive experience in creating all types of testing scenarios: positive, negative, data validation/backend, web services, Whitebox, and Blackbox.
- Performed manual testing and maintained documentation on Regression, Integration, User-acceptance.
- Strong in SQL querying to validate data from the app to source and used JDBC to connect for automation.
- Utilize advanced SQL and ETL techniques to validate data in advanced database structures, data lakes, data warehouse and SAP BI reporting tools.
- Perform requirements and user story analysis to create detailed test designs and conditions.

Education:

B.S Accounting, Western Governors University

M.S Data Analytics, Western Governors' University, Present