

# Fahim Hasan

📞 424-306-9404 | [Fahimul.hasn@gmail.com](mailto:Fahimul.hasn@gmail.com) | Richardson, TX

## 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 APIs, 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 Node.js, Playwright, Selenium, Cypress.io and 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