

Mohammed A Sarker

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Willing to Relocate

OBJECTIVE:

10+ years of experience in Software Testing with expertise in Automation, Manual, Functional, and Regression Testing using Selenium WebDriver, Java, IntelliJ IDEA, TestNG, and Maven. Experienced with AI-assisted testing using Codex, Claude Code, and AI agents for test script generation, troubleshooting, debugging, and test failure analysis.

SUMMARY:

Strong experience in defining software test plans, test strategies, application coverage, functional requirements, user interface requirements, and business-level test scenarios. Over 10 years of Software Testing experience with 7+ years working in Agile environments, supporting QA teams, developers, business analysts, and product stakeholders. Strong experience in Automation Testing using **Selenium WebDriver, Java, IntelliJ IDEA, TestNG, Maven, and Page Object Model**. Experienced in developing, maintaining, troubleshooting, and debugging automated Functional, Regression, Smoke, and End-to-End test scripts.

Experienced with **AI-assisted** software testing using **Codex** and **Claude Code** for generating automation scripts, reviewing Java and Selenium code, troubleshooting failures, identifying defects, improving test scripts, and accelerating debugging activities. Experienced in creating AI agents and **AI-driven workflows** for test-script generation, automated test analysis, failure investigation, debugging assistance, and identification of issues involving locators, synchronization, test data, application behavior, and automation code. Experienced in **Agile** testing activities including sprint planning, requirement reviews, test execution, regression testing, defect management, **UAT support**, and collaboration with cross-functional teams. Strong communication, troubleshooting, problem-solving, attention to detail, and ability to manage changing priorities in fast-paced software development environments.

SKILLS:

Testing Tools	HP Quality Center/ HP ALM, TargetProcess, HP Unified Functional Testing (UFT), JIRA, IntelliJ IDEA, Selenium
Languages	Visual Basic, C++, C#, Java, J2EE, SQL, HTML, VB Script, XML
Operating Systems	UNIX, Windows 11
Database	Oracle, MS Access, Microsoft SQL Server
Microsoft Tools	MS Word, MS Excel, Power Point, MS Works, Outlook, MS Visio.
AI Assisted Tools	Codex, Claude Code, AI Agents, Cursor, Visual Studio Code

JOB EXPERIENCE:

Apple Bank

New York, NY

Job Title: Sr. Automation Engineer

April 2023 to September 2026

My Responsibilities:

- Developed and maintained automated test scripts using **Selenium WebDriver** with **Java** through **IntelliJ IDEA**, **Cursor** and **Visual Studio Code** for functional, regression, smoke, and end-to-end testing.
- Designed **Agentic Reusable Automation** test scripts and frameworks using **Java**, **Selenium WebDriver**, **TestNG**, **Maven**, and **Page Object Model** principles.
- Created and executed automated regression test suites to validate application functionality across multiple releases and identify defects before production deployment.
- Used **IntelliJ IDEA**, **Cursor** and **VS Code** for developing, running, debugging, and maintaining Java-based Selenium automation scripts.
- Performed troubleshooting and debugging of failed automation tests using breakpoints, step-through execution, variable watches, console logs, stack traces, and exception analysis.
- Used **Codex** and **Claude Code** to assist with creating **Selenium**, **Playwright** and Java test scripts, troubleshooting automation failures, analyzing errors, improving existing test code, and identifying potential fixes.
- Used **AI-assisted** coding tools to review automation scripts, identify locator issues, synchronization problems, Java exceptions, and test execution failures.
- Created **AI agents** to support software testing activities, including test-script generation, test execution analysis, failure investigation, debugging assistance, and recommendations for script improvements.
- Developed **AI-assisted** workflows to analyze failed Selenium tests and help identify whether failures originated from application defects, test data, element locators, synchronization issues, or automation code.
- Created and maintained automated test scenarios based on business requirements, acceptance criteria, functional specifications, and user stories.
- Worked with **TestNG** for test execution, assertions, annotations, **parameterization**, test grouping, and automated test-suite management.
- Worked closely with developers, business analysts, product owners, and QA team members in an Agile environment to review requirements and identify automation opportunities.
- Participated in client meetings, sprint activities, defect discussions, and testing reviews while providing updates on automation execution, defects, risks, and overall testing progress.
- Supported **UAT testing** by helping business users understand application workflows, reproducing reported issues, documenting defects, and communicating findings to development and business teams.

Environment: Selenium WebDriver, Java, IntelliJ IDEA, TestNG, Maven, Codex, Claude Code, AI Agents, Page Object Model, Jira, HP ALM, REST API, SQL, Oracle, UNIX, HTML, CSS, JavaScript, J2EE, Agile, Web Applications, Chrome, Firefox, Edge

First Citizens Bank

Rockville, MD (Remote)

Job Title: Sr. UAT Test Engineer

July 2019 to March 2023

My Responsibilities:

- Read and Analyzed requirements, also created high level **Functional Test Cases** for **UAT Environment**.
- Got walkthrough from the QA team about the application functionalities and pass over the knowledge to the Junior testers in the team.
- Performed **Smoke Testing** every time new code was deployed into the UAT environment.
- Performed **Functional** Testing in the UAT environment to make sure the application work based on the requirements.
- Performed **Negative, Positive, Boundary** and **Stress** testing in the application
- Reported, logged and tracked using **Jira** and worked with the developers to get the defect resolved and retested.
- Communicated the test result with the appropriate business leadership team and kept them up to date on the development and testing progress.
- Performed **Regression Testing** before the code was deployed to **Production** environment.
- Created **Test Data** for the end clients and guide them through application functionalities during their testing.
- Experience communicating and keep track of client's feedback and pass it back to the QA and DEV team.
- Uploaded and executed test cases using **HP ALM**
- Experienced generating **RTM** using the **ALM** before the code was dropped into the Production environment.
- Performed **SQL** testing based on the requirement to make sure the application is working properly.
- Performed **System** and **Integration** testing based on the requirements.
- Reported weekly status to test manager and kept him posted about the testing progression

Environment: HP ALM, Jira, MS Office Suite Agile, Web, Ajax, Java, CSS, GWT, Visual Basic, Mozilla, J2EE, Ext JS, HTML, UNIX, ORACLE, BPT, .NET, Windows, VB Script, Trello

Maryland Department of Unemployment Insurance

Baltimore, Maryland.

Job Title: Lead Test Specialist

03/2018 to June 2019

My Responsibilities:

- Managed **Multiple Testing Teams** for different modules & assigned tasks to individual team.
- Assisted to alter the Project Structure from **Waterfall** to **Agile Methodology** in order to increase the productivity of the development teams.
- Assigned **LOE** for individual User Stories.
- Developed **Test Plan, Test Cases, Test Summary Report** and **Requirement Traceability Matrix**.
- Developed and executed test plans and test cases based on business requirements and functional specifications.
- 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.
- Created Test Cases in **HP ALM**.
- Used **HP ALM** as defect tracking and reporting tool.
- Worked on backend testing using SQL queries and web services testing.
- Extensively used SQL statements to verify the data in the database.
- Performed Functionality Testing and Integration testing using **HP Unified Functional Testing (UFT)**
- Determined test approaches for various testing strategies like Functional, System, Regression, Usability testing, Alpha, Beta testing and executed using **HP Unified Functional Testing (UFT)**
- Performed **Positive, Negative, Regression, Integration, Interface Testing, End-to-End Testing, User Acceptance Testing** for the application.
- Responsible for QA test suite development, execution and analysis.
- Performed System and Integration testing by executing test cases.
- Organized test procedures and executing tests in Web and Client/Server Environments.
- Created test scripts for various testing stages like Functional Testing and Regression Testing.
- Analyzed system specification and developed Test plans for System and Integration Testing.
- Developed test scripts according to the program specification given.
- Reported defects found during test cycles and track the defects and retest fixed modules.

Environment: HP ALM, HP Unified Functional Testing (UFT), MS Office Suite Agile, Web, Ajax, Java, CSS, GWT, Visual Basic , Mozilla, J2EE, Ext JS , HTML, UNIX, ORACLE, BPT , .NET, Windows, VB Script.

Centers for Medicare and Medicaid Services (CMS)

Baltimore, Maryland.

Job Title: Lead Test Specialist

03/2015 to 02/2018

My Responsibilities:

- Maintained **Multiple Testing Teams** for different modules & assigned tasks to individual team.
- Attended all the **Client Meetings** in order to discuss and understand the business process for the application.
- Analyzed & Reviewed **Business Requirements** and **User Stories**.
- Hold meeting to discuss about the testing **Effort & Expectation** after finalizing the requirement for the ongoing sprint.
- **Explained** and **Clarified** the given business process with the embedded tester in order to make sure that all the questions were answered on the beginning of every sprint.
- Worked with the development & BA team in order to design the application based on the discussed business processes.
- Developed **Test Plan, Test Cases, Test Summary Report** and **Requirement Traceability Matrix**.
- Monitored day to day progress for all the testing teams.
- Performed Manual Testing with **Negative and Positive Data**.
- Experienced to perform **Regression, Integration, Interface Testing, End-to-End Testing, User Acceptance Testing** for the application.
- Experience in perform testing using **Salesforce** portal and platform site.
- Experienced in creating different level of user profile using **Salesforce**.
- Involved in **Data Loading** and **Data Validating** using Salesforce platform.
- Involved working with **Salesforce Object** during validating the application functionality.
- Logged defects and controlled bug life cycle using **TargetProcess & HP ALM**.
- Modified & reviewed test cases for the updated user stories.
- Performed 508 testing in order to confirm that the application is compliant.
- Analyzed the discrepancies, severity, tracking system and reporting through **HP ALM**.
- Reported the Testing Result at end of every sprint via **HP ALM Dashboard**.
- Automated the **functionality and interface testing** of the application using **HP Unified Functional Testing (UFT)**.
- **Insert Object Data Verification Check point** on **HP Unified Functional Testing (UFT)** automation testing tools.
- Verify Back end Data using **ODBC** after interacted with front-end using Automation Test scripts by using **HP Unified Functional Testing (UFT)**.

- Created Driver Script using **VB Script** to execute **QTP/ HP Unified Functional Testing (UFT)**. Application automatically and run number of automated scripts simultaneously.

Environment: Windows Server 2005, Java, HTML, UNIX, SQL, Oracle 12c, IIS, HP Quality Center/HP ALM, HP Quick Test Professional/ HP Unified Functional Testing (UFT), TargetProcess, Salesforce

EDUCATION:

LaGuardia Community College
Associate In Computer Science (On Going)

Pablo Neruda Academy
High School Diploma & Some College

PROFESSIONAL REFERENCES:

Available upon request.