

# Muhammad A Waseem

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## CAREER OBJECTIVE

Experienced Software Test Engineer/Analyst with extensive hands-on experience with Automation and Manual Testing using industry leading testing tools throughout various Software Development Life Cycle (SDLC). I'm currently seeking to utilize my extensive & professional experience at a new opportunity in the testing industry.

## TECHNICAL SUMMARY

Test & Defect Management Tools	SELENIUM-WebDriver, TestNG, jMeter, Jira, TestRail, Zephyr, HP QC/ALM
Operating Systems:	MS Windows 2000/XP/7/8, UNIX, Linux, MacOS, iOS, Android, Mainframe
Programming Languages & DB:	HTML, CSS, JavaScript, Java, XML, .NET, VBScript, C, C++, Shell Script, Perl, MySQL, SQL Server, Toad, Oracle, MongoDB
Web & Application Servers:	Java Web Server, Apache Web Server, BEA Web logic, Web sphere
MS Suite & Misc Tools:	MS Word, MS Excel, MS PowerPoint, MS Outlook, SharePoint, Skype, WebEx, Slack, Jing

## PROFESSIONAL QUALIFICATIONS

- Over 5 years of experience in testing Web-based, Mobile & Client Server applications throughout **Software Development Life Cycle (SDLC)** and methodologies - **Agile, Scrum, Iterative and Waterfall**
- Experienced in building Object Oriented and Page Object Module Automation Framework from ground up using Selenium WebDriver with Java, and establish a continuous integration framework with TestNG and Maven
- Configured **Cucumber/TestNG/Data-driven** frameworks to optimize and organize testing process.
- Competent in performing **Manual & Automated Testing** on **Web-based, Client-server** and **Mobile** applications developed on various front-end and back-end languages
- Expertise in test management and defect tracking tools – **HP ALM, JIRA, Zephyr, and Test Rail**
- Skilled writing testable **Requirements & Test Cases**, increasing automation coverage & execution reporting
- Coordinating experience of Requirement Grooming & Walkthrough Meetings with Dev, business & IT teams
- Strong **Manual, Automation & Backend Testing** using Selenium WebDriver, Jira, Quality Center and SQL
- Proficient in **SQL Server & Oracle** databases to query and manipulate data for data validation & verification
- Adapt to **Agile/Scrum** methodology and represent QA team & process to project teams in fast environment
- Development & execution experience of **Test Cases**, Automated **Test Scripts** and **Framework**
- Able to understand & translate workflows, prototypes, wireframes & UML to Test Cases & Test Scripts
- Proven expertise in analyzing and understanding **business requirements** and translating these into **test cases** and **test scripts**
- Ability to perform various testing on mobile & cross-browsers, evaluate defects, assess severity, provide clear instructions for reducing bugs, and set priorities for the testing team
- Knowledge of Data Warehouse/reporting/ETL and perform Backend Testing by writing **SQL** queries
- Ability to **manage time** and **priorities** according to team/project objectives, in fast-paced environment
- Strong interpersonal skills, effective analytical and problem isolation skills with the ability to work both individually and in a team environment

## PROFESSIONAL EXPERIENCE

**Quality Assurance Analyst** / **04/2019 – Current**

**ConEd // New York, NY**

*Project Detail: Worked on multiple projects to onboard and support internal applications that*

*allowed ConED employees to monitor live systems across the tri-state. The goal of the system is to manage and monitor gas leaks, joining pipes, and gas values across all boroughs and part of Westchester.*

**Job Responsibilities:**

- Reviewed Project Plans, Use Cases, User Stories and Technical Required Documents (TRD) to design E2E & **SIT Test Cases, Test Scripts and User Acceptance Testing (UAT)** scenarios for multiple projects
- Actively assisted the team with the design and implementation of Automation Framework for Global Inspection System and Gas Leak Tracking project using Selenium WebDriver, TestNG, Maven and Jenkins
- Designed Automated Test Scripts and Increased test coverage by initiating Cross Browsers/Platform Testing for Gas Leaks, Bridges, Expansion Joint and Main Valves features
- Created robust **Automated Test Suite** for GSM project and reported **Regression Testing** Execution Reports and defects information after analysis to Test Managers and Senior Leads
- Attained deep knowledge and became the **Subject Matter Expert (SME)** on multiple project by analyzing and understanding **complex business requirements**, E2E Test Cases, and Operational flaws to determine gaps in requirements and source code
- Coordinated & created various test artifacts for multiple projects - automated test cases, test specifications, automation logs, automation reports, status update, and defect triage reports
- Converted **Manual Tests** to **Automated Test Scripts** to improve the test effort and coverage by using **Selenium WebDriver** and **Java**
- Parameterized Automation Test Scripts to run data sets for various scenarios using **Data-Driven Framework**
- Actively refactored test scripts and performed code review to assure the test suite adhered to best practices
- Attended daily standup, Sprint Planning, Sprint Review, and Sprint Retrospective meeting to Provide QA Status and Constructive Feedbacks
- Assist leading Req. Grooming Meetings w/Architects, DBAs, Developers for Gas Leak Reporting modules
- Performed Functional, Regression, Smoke, and End to End testing against various internal and customer facing applications
- Created various reports for management on overall project test status - test case execution statistics, defect status, milestone achievement, and satisfaction of quality metrics
- Actively worked on multiple projects in parallel and provided around the clock support for team On/Off Shore
- Worked closely with dev team to detail and create **Automated Regression Suite** using **Selenium WebDriver**
- Created and executed **Test Cases**, triaged defects and reported testing status to project teams using centralized Test & Defect Management tools – **Jira and HP ALM**
- Properly documented and proactively communicated software defects at **HP ALM** using best practices
- Wrote detailed defect reports and worked with devs to assist with troubleshooting, resolution and validation
- Executed **User Acceptance Testing (UAT)** strategy and maintained matrix across different functional teams
- Performed **User Acceptance Testing (UAT)** and supported UAT Testers during **UAT Week**
- Ensured all Defects are entered & managed as effectively as possible through **Bug Life Cycle (BLC)**
- Validated Database Records by performing backend testing using SQL and SQL Queries and assure the integrity and accuracy of the data stored

**Software Tester - IT      |      07/2017 – 03/2019**  
**Freedom Mortgage // New York, NY**

*Project Details: Freedom Mortgage completely redesigned their mortgage application process and Borrower Management system. As part of their Freedom Engineering team, I worked closely with BAU Team to assure that customers were able to continue to use our existing systems and verify that the new system and process is able to continue to provide existing services.*

**Job Responsibilities:**

- Reviewed Business Requirement Document, Functional Requirements, User Stories, Customer Feedbacks and business scenarios to create Test Plan, Manual Test Cases & Automated Test Scripts
- Performed & monitored systems during **Performance Test Executions** for potential performance issue, configuration or tuning issues with Performance Team, Developers and Database Engineers

- Created Test Artifacts by reviewing the functional and design specifications to fully understand the Test Deliverables for the Mortgage Payment Estimation, Payment Modules and Loan Terms
- Scripted Automated Test sceneries by using Selenium WebDriver with Java after selecting automation candidates from Manual Test Cases based on their priority, business importance, and test iteration needs
- Developed and executed Test Cases according to the department's QA standards and procedures within test management tools - Jira & Zephyr
- Participated and actively engaged in project discussions and review meetings and updated QA Team in QA Stand-up Meetings for impact analysis, test case & script enhancements and defect tracking
- Participated in performing User Acceptance Testing (UAT) in Alpha Environment prior to PROD release
- Analyzed and reported Manual & Automated Test Execution Reports to upper Management & other teams
- Logged Defects using Jira with a clear and concise description and actively tracked issues for root cause along with Developers and till closures
- Created and added existing Automated Test Scripts to Selenium Test Run framework to schedule tests, monitored and analyzed results prior to Stand-up Meeting
- Worked closely with Developers, Product Management, BA and Technical Support team to assure comprehensive communication across all team members
- Wrote numerous SQL queries and executed the queries against the Oracle Database to assure accuracy of the data stored in the Database
- Provided support around the clock during Prod deployment to assure that the deployment is successful

***Jr. Test Analyst | 12/2016 – 06/2017***  
***DSNY (Department of Sanitation) // New York, NY***

*The city took an initiative to improve the UI and usability of the DSNY web application and make it easier for city residents to access the information they needed. The goal of the projects was to provide New York City residences with access to quality information in regards to Collections, Cleaning and Snow Preparations.*

***Job Responsibilities:***

- Reviewed User requirement such as BRD, TRD, FRD and Use Case to create Manual test cases
- Performed & monitored systems during **Performance Test Executions** for potential performance issue, configuration or tuning issues with Performance Team, Developers and Database Engineers
- Scripted Automated Test sceneries by using Selenium Web-Driver after selecting candidates from Manual Test Cases for Collection, Cleaning and SnowPrep modules
- Developed and executed Test Cases according to the department's QA standards and procedures within test management tools - HP Quality Center
- Created defects using best practices to assure that the developers were able to quickly reproduce the defect and identify root cause for bug fix and regression
- Participated and actively engaged in project discussions and review meetings and updated QA Team in QA Stand-up Meetings for impact analysis, test case & script enhancements and defect tracking
- Participated in performing User Acceptance Testing (UAT) in Alpha Environment prior to PROD release
- Analyzed and reported Manual & Automated Test Execution Reports to QA Lead and Managers
- Provide support to QA Lead and Peers as needed with Functional and Regression Tastings
- Created Requirement Traceability Matrix to assure appropriate test coverage across all requirements