

MOHAMMED AZEEM

SOFTWARE AUTOMATION ENGINEER

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Accomplished IT professional with around 20 years of experience in Quality Assurance, Test Automation, and Team Leadership. Specialized in delivering robust automation solutions across Retail, Financial Services, Healthcare and domains. Proven track record of leading and managing QA teams in both onsite and offshore delivery models for major U.S.-based clients. Adept in roles such as Test Automation Lead and SDET Lead, with hands-on expertise in driving end-to-end testing initiatives, ensuring quality at every stage of the software development lifecycle.

- Over **20 years** of experience in **Software Automation Testing** across **Retail/E-Commerce, Financial, Healthcare, Insurance,** and **Public Sector** industries
- Skilled in preparing **Test Strategies, Test Plans,** and **Effort Estimations** with strong expertise in **Functional, Integration, Regression, API, Database** and **Mobile Testing**
- Hands-on experience in **UI automation** using **Selenium WebDriver with Java,** and framework development using **TestNG, Cucumber, BDD, Maven** and **Jenkins**
- Experienced with **Playwright/Cypress using TypeScript** for modern web application testing, including **cross-browser** and **responsive UI** validation.
- Developed and executed **API automation** using **Rest Assured, Postman,** validated HTTP/REST APIs with **Swagger** documentation
- Strong background in **UFT/QTP automation,** including scripting with **VB** and **Descriptive Programming** for client-server and legacy applications
- Tested **mobile applications** (native and hybrid) on **Android and iOS** using **Appium with Java** including real device and emulator testing
- Knowledge in **AI technologies (ML, NLP, GenAI)** with track record of building **scalable, AI-driven** automation solutions. Skilled in aligning innovative prototypes with business goals to solve complex operational challenges.
- Integrated mobile and web test automation suites into **CI/CD pipelines** and executed on cloud platforms like **BrowserStack** and **Sauce Labs.**
- Conducted **Web Services** and **Database Testing** with complex validations across back-end systems
- Adept of SAFe/Agile practices like **SCRUM, KANBAN**
- Collaborated with **Cross-functional, global teams** and managed testing in **onshore-offshore delivery models**
- Maintained key **QA documentation,** ensured **traceability** and supported **quality audits** for each release cycle
- Led, contributed to **automation framework design** reusable script libraries and modular approaches to increase test coverage
- Proficient in defining and implementing **Testing Processes** ensuring quality assurance standards across multiple projects
- Implemented **Personal Software Process (PSP)** to improve process efficiency, reduce defects, and enhance delivery quality
- Adept at preparing **status reports, tracking test progress** and **ensuring timely delivery** of testing deliverables while engaging with senior stakeholders

EDUCATION

BACHELOR OF ENGINEERING | KIT, Bangalore University, INDIA

CERTIFICATION

- Certified on SAFe Agile for Practitioner
- Mphasis internal certification on Selenium Tool
- Trained and certified in Personal Software Process (PSP) by Carnegie Mellon University

S K I L L S

Testing Tools:	: Selenium, Playwright, Rest Assured, SoapUI, UFT/QTP, Test Complete, Cucumber, TestNG, JUnit, Web Services, Swagger, Postman, Mainframe, Pentaho, Sauce lab and Mobile Testing
Test Management Tools	: Jira, ALM QC 14, AGM, MTM, Quality Centre 10
Defect Tracking Tools	: Jira, TFS, Siebel 7.6, QC, ClearQuest
Scripting Languages	: Core Java, Typescript, VB Script, TSL
Database	: Postgres, Oracle11, DB2, SQL, Mainframe, TOAD, PG Admin
Monitoring Tools	: Splunk, AWS CloudTrail
Operating System	: Windows 10, Unix

A W A R D S

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- Won first prize “JCP Hackathon Award” for reducing E2E Regression test cycle - JCPenney
 - Won the "Summit Individual Award" for dedication and drive for the work done in SWAT - Charles Schwab
 - Won the “Team Spot Award” – ‘Certification of Appreciation’ in recognition of marvelous work Vendavo Engineering
 - Awarded with “Team Award” for outstanding contribution on Automation of Misys Products

W O R K E X P E R I E N C E

Senior QA Engineer

Apr 2022 - Present

JCPenney

Technologies: QMetry Framework, Selenium, Java, TestNG, Git, Maven, Jenkins, BDD, Cucumber, API, Mainframe, Cassandra, Oracle, DB2, Jira, Confluence

- **Team Leadership & Coordination:** Lead the QA team, overseeing planning and estimation for automation/manual activities, ensuring alignment with project timelines and quality goals.
- **Requirement Analysis:** Collaborate with stakeholders to understand and clarify requirements, identifying gaps and ensuring comprehensive test coverage.
- **End To End Regression: Expertise** in tracking an **order** from its **origin** till **downstream**, **testing** through all the systems like **DP – Inventory, PDP, Cart, Checkout, Payment System, CPOS, FM, SOMA, MFPP, COFS, CFS, OOPP, CPOS, LOCS, SCAN DATA, PAYMENTS, RESA, OTDB, ODS, PISAL**
- **Test Automation & Framework Development:** Spearhead the development and enhancement of a Selenium-based automation framework integrated with CI tools (Jenkins), ensuring scalability and efficiency.
- **API Testing:** Develop and automate API tests to ensure the seamless integration of various services within JCPenney's platform.
- **Mainframe:** Used to manage mainframe systems like MFPP, LOCS, OOPP and handle various process/jobs executions and used connect DB2 database and validate the order records.
- **Messaging Queues:** Validated and verified message payloads transmitted via IBM MQ and Kafka to ensure message integrity, schema compliance, and correct routing. Developed and executed test cases to Simulate and monitor message flow across distributed systems
- **Database Validation:** Implement automated database validation processes to ensure accurate data handling across different systems, including Cassandra, Oracle and DB2.
- **Test Suite Development:** Develop, maintain and execute comprehensive smoke and regression test suites, increasing test coverage and reducing manual testing.
- **Stakeholder Communication:** Regularly engage with stakeholders to understand their requirements, provide progress updates, and ensure alignment with business objectives.
- **Mentorship & Knowledge Sharing:** Assist team members in understanding application modules, frameworks, and automation best practices, fostering a collaborative learning environment.
- **Test Management & Reporting:** Manage test cases, test matrices and defect tracking using Jira, providing detailed reports and updates during daily stand-ups, sprint reviews, and release management meetings.
- **Defect Triage & Issue Resolution:** Actively participate in defect triage meetings, ensuring efficient identification and resolution of issues.

Automation QA Engineer:

Oct 2021 – Apr 2022

Verisk

- Lead the QA team, responsible for planning, estimation and execution of automation activities
- Collaborated with stakeholders to understand and clarify requirements, ensuring comprehensive test coverage
- Spearheaded the development of a Selenium-based automation framework integrated with CI tools (Jenkins)
- Developed and automated API tests using SoapUI, ensuring seamless integration of services
- Implemented automated database validation processes using Pentaho, ensuring data integrity

Senior Software Engineer

Sep 2019 – Oct 2021

Broadridge Financial Solutions

- Led the team in the execution of smoke and regression testing for 38 applications for the UBS client.
- Developed and maintained Selenium and UFT frameworks integrated with CI tools.
- Automated API tests and ensured seamless integration between services within the platform.
- Developed comprehensive test suites for various application modules, including RD Setup and RD Master.
- Worked closely with stakeholders to understand requirements and track the progress of the testing effort.

Individual Contributor

Jun 2019 – Aug 2019

Ana-Data Consulting Inc

- Developed Selenium automation scripts using Java and TestNG for functional and regression testing.
- Built a robust test automation framework using Maven for build management and Jenkins for CI integration for Clear GRC.

Module Lead

Aug 2010 – May 2019

Mphasis Pvt Ltd - Project Worked:

1. **FedEx Express:** Worked as a Module Lead (Jan 2018 – May 2019)
 2. **Charles Schwab:** WRS-Retirement Plan Services Operations SWAT Team: Worked as Module Lead (Jul 12 – Dec 2017)
 3. **JP Morgan Chase:** MISMO: Worked as an Individual Contributor (Feb 2011 – Jul 2012)
 4. **Citibank:** HPPSO – AO and CBOL: Worked as a Senior Software Engineer (Aug 2010 – Feb 2011)
- Led the test strategy, planning, and estimation for the ACCS – APAC Core Clearance System, which handles customs declarations and warehouse management.
 - Developed and executed API tests using SoapUI and Swagger, ensuring proper integration across multiple systems.
 - Designed and implemented a hybrid test automation framework combining UFT, Selenium, and API testing.
 - Coordinated with onshore and offshore teams to ensure timely execution of test cases and proper test management.
 - Automated smoke and regression testing, reducing manual testing time and increasing test coverage.
 - Managed test case execution, defect tracking, and reporting using ALM and Jira.
 - Collaborated with cross-functional teams to ensure smooth test execution and integration of services.
 - Tracked and reported defects found during testing, ensuring timely resolution and efficient project delivery.
 - Provided defect triage and test updates during sprint meetings, ensuring project alignment.
 - Demonstrated the capability of Selenium for automating complex enterprise applications, providing a proof of concept (POC) for the client.

Technical Lead

Jan 2008 – Jul 2010

Mind Tree

- Understanding and analyzing user Requirements and Procedure from client
- Designed and developed the Keyword Driven framework, Developing scripts
- Performed Sanity, Functional and Regression Testing using QTP and version controlling using CVS

Senior QA Analyst

Dec 2004 – Dec 2007

Sunquest Pvt Ltd., (Misys Healthcare Systems (India) Pvt. Ltd)

- Projects: 1.Misys Laboratory – Microbiology, 2.Misys Laboratory – Rule Maintenance and Reports, 3.Rolling Regression
- Responsible for new Build Downloading, Data Population and Test Automation environment set-up
 - Involved in developing test scripts using QTP which are smart enough to create their own data
 - Performed Ignition, Sanity, Functional and Regression Testing using QTP, Win Runner and SmarTerm scripts
 - Collaborate with stakeholders to clarify requirements, identifying gaps and ensuring comprehensive test coverage
 - Maintenance of Regression Test Suites and version control of the Test suite using Quality Center and VSS