

MD AZHARUDDIN

QA Engineer | Manual & Automation Testing | Web, Mobile & API Applications
8825164845 | mdazharuddin295@gmail.com | Noida, India |
linkedin.com/in/md-azharuddin-122ba5204

PROFESSIONAL SUMMARY

QA Engineer with 2.5+ years of experience in manual and automated testing of Web, Mobile, and API applications within Agile/Scrum teams. Skilled in analyzing business requirements and user stories to design test scenarios, test cases, and testing checklists, and in executing functional, regression, and UAT testing across the SDLC and STLC. Experienced in verifying bug fixes, documenting testing results, and writing clear bug reports in JIRA and Micro Focus ALM while collaborating closely with Developers, Business Analysts, and cross-functional stakeholders. Builds automation support using Selenium (Java & Python), Playwright, and Postman for API testing, and prepares structured test documentation (URS, FRS, IQ, OQ, PQ, RTM) to support quality, standards-compliant releases. Strong analytical thinking, attention to detail, and a continuous-improvement mindset toward software quality assurance processes.

CORE COMPETENCIES

Manual Testing | Test Case & Test Scenario Design | Test Checklists | Bug Reporting & Defect Tracking (JIRA, Micro Focus ALM) | Web, Mobile & API Application Testing | SDLC & STLC | Regression Testing | Functional & UAT Testing | Requirements & User Story Analysis | Selenium WebDriver (Java, Python) | Playwright | TestNG | API Testing (Postman) | Performance Testing (JMeter) | SQL | Agile/Scrum Methodology | Cross-Functional Collaboration (Developers, Business Analysts) | Computer System Validation (CSV) | GxP Compliance | 21 CFR Part 11 | Analytical & Problem-Solving Skills | Attention to Detail | MS Excel

PROFESSIONAL EXPERIENCE

Programmer Analyst (QA Automation Engineer)

Cognizant Technology Solutions | Noida, India | Dec 2023 – Present

- Analyzed business requirements and user stories to design test plans, test cases, and test scenarios for functional, regression, and UAT testing, improving overall test coverage by 30%.
- Executed manual and automated regression, functional, and UAT testing across Web and API applications using TestNG and Playwright, ensuring stable, on-time releases across 4+ sprint cycles.
- Verified and validated bug fixes end-to-end before sign-off by re-testing against original acceptance criteria, reducing reopened-defect rate across sprint releases.
- Documented test results, wrote detailed bug reports, and provided regular testing status updates in JIRA and Micro Focus ALM, collaborating with Developers to cut defect resolution time by 40%.
- Validated API reliability and performance benchmarks by executing functional and load test suites in Postman and JMeter prior to production deployment.
- Engineered a Selenium WebDriver (Java & Python) automation framework using the Page Object Model, reducing manual regression effort by 50% and freeing capacity for deeper exploratory and UAT testing.
- Accelerated test case design and documentation throughput by 40% by incorporating Generative AI tools into day-to-day QA workflows.

Research Intern

National Institute of Technology Meghalaya | Shillong, Meghalaya | May 2022 – Jul 2022

- Analyzed air quality datasets to identify key trends and documented findings in structured reports for research review.

Web Development Intern

Smartknower | Apr 2021 – May 2021

- Built a To-Do List web application using HTML, CSS, and JavaScript, strengthening front-end development fundamentals relevant to Web application testing.

PROJECTS

Enterprise Web Application Test Automation – LIMS & Maximo (US-based MNC)

- Reduced manual regression time by 60% across LIMS and Maximo Web applications by designing a Selenium-Java automation framework built on the Page Object Model.
- Implemented data-driven testing with Apache POI and TestNG and integrated Extent Reports, giving stakeholders detailed HTML test result reporting for every run.

Hybrid Automation Framework (Keyword + Data Driven)

- Cut test creation time by 40% by building a hybrid keyword-driven and data-driven framework that let non-technical team members add test cases via Excel.
- Lowered script maintenance effort by 35% by introducing Log4j logging and reusable utility classes across the framework.

CI/CD Integrated Cross-Browser Automation Suite

- Cut regression execution time by 50% by integrating a Selenium-Java suite with Jenkins for automated regression on every commit and configuring Selenium Grid for parallel execution across Chrome, Firefox, and Edge.
- Standardized build and dependency management by configuring Maven, with test reports published automatically after every execution.

EDUCATION

B.Tech, Civil Engineering — Aligarh Muslim University, Aligarh, Uttar Pradesh

Jul 2019 – Jul 2023 | Percentage: 86.28%

CERTIFICATIONS

Selenium with Java • Playwright with Python • Postman API Testing • Manual Testing • GxP & 21 CFR Part 11 Compliance • Generative AI Fundamentals • Prompt Engineering • Claude Certified Architect Foundation

AWARDS & LANGUAGES

AIR 3 – National Engineering Olympiad 5.0 • Rank-1, Structural & Foundation Workshop, IIT Bombay • 4-Time MOMA Scholarship Recipient, Government of India

Languages: English (Proficient), Hindi, Urdu, Spanish