

MOHAMMED AZAM

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PROFESSIONAL SUMMARY

Software Quality Engineer with expertise in **automation frameworks (Selenium, TestNG, BDD)** and **CI/CD pipelines (Jenkins, Git workflows)**. Proven success in reducing defect leakage, accelerating regression cycles, and ensuring high-quality releases within Agile environments. Skilled in **SDLC, STLC, API/UI testing, and defect life cycle management**, with strong collaboration and communication skills for cross-functional delivery.

EDUCATION

Master of Computer Applications (MCA) – Yenepoya University, Mangalore 2023 – 2025

CGPA: 8.5/10 — Specialization: AI, Machine Learning, Data Science

Bachelor of Computer Applications (BCA) – Kuvempu University, Shivamogga 2019 – 2022

CGPA: 7.1/10

TECHNICAL SKILLS

Testing: Manual (Functional, Regression, Smoke, UAT), Automation (Selenium, TestNG, BDD, API Testing with Postman)

Programming: Python, Java, SQL, JavaScript

CI/CD & Version Control: Jenkins, Git, GitHub, Git Workflows

Databases: MySQL

Processes: Agile (Scrum), SDLC, STLC, Test Planning, Defect Reporting, Peer Review, Defect Life Cycle

EXPERIENCE

Software Engineer Intern – CDAC, Bengaluru Apr 2025 – Jun 2025

- Automated 120+ regression and functional test cases using **Selenium+TestNG**, boosting test efficiency by 30%.
- Performed end-to-end validation aligned with **SDLC & STLC**, ensuring zero critical defects in release.
- Integrated test automation into **CI/CD pipeline with Jenkins**, improving build verification cycles.

Intern – Edunet Foundation (TechSaksham: Microsoft & SAP) Dec 2024 – Jan 2025

- Built a **Pose Estimation Project** integrating computer vision to detect and analyze human body movements.
- Executed manual and automated test cases for ML-driven workflows, reducing user-reported errors by 20%.
- Validated UI and backend modules against requirements using functional and API testing.

QA Trainee – QSpiders, Bengaluru Nov 2022 – Jul 2023

- Authored and executed 100+ requirement-based test cases across regression, smoke, and UAT cycles.
- Built reusable Selenium test scripts with **Git version control**, ensuring maintainable automation assets.
- Logged and tracked defects in defect management tools, achieving 95% on-time closure rate.

PROJECTS

Examify – Online Exam Platform — [GitHub](#) 2025

- Developed secure full-stack exam system and automated validation of APIs, UI flows, and DB transactions.
- Executed regression tests for 500+ concurrent users, cutting defect leakage by 30%.

Smart Waste Management System — [GitHub](#) 2023

- Created Java + MySQL complaint handling platform with automated SQL and UI validation.
- Improved workflow efficiency, reducing average issue resolution time by 35%.

CERTIFICATIONS

- Automation Testing (Selenium + TestNG)** – QSpiders (2023)
- CDAC Practicum: Full Stack Development & Testing** – (2025)
- AI: Transformative Learning with TechSaksham** – Microsoft & SAP (2025)