MOHAMMED AZAM

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PROFESSIONAL SUMMARY

Full-Stack Developer and Automation Tester with practical experience in MERN stack applications, REST APIs, and Selenium-based testing frameworks. Seeking a challenging role in backend development using Java or full-stack technologies like React.js and Node.js.

EDUCATION

MCA, Yenepoya University   2023 – 2025
CGPA: 8.6/10   Mangalore, India

BCA, Kuvempu University   2019 – 2022
CGPA: 7.1/10   Shivamogga, India

EXPERIENCE

Web Development Intern   Apr 2025 – Jun 2025
CDAC, Bengaluru

- Developed full-stack applications using React.js, Node.js, and MySQL, improving load performance by 20%.
- Built RESTful APIs and integrated frontend/backend components, reducing latency by 30%.
- Wrote unit/integration tests, achieving 90%+ pass rate during CI/CD testing.

ML Intern – Human Pose Estimation   Dec 2024 – Feb 2025
Edunet Foundation (Remote)

- Built a pose detection system using TensorFlow & OpenCV; achieved 92% accuracy.
- Preprocessed 10K+ image samples; improved model performance by 15%.

Software Testing Intern   Sep 2022 – Aug 2023
QSpiders, Bengaluru

- Performed automation and manual testing using Selenium, Java, and TestNG.
- Created 50+ test cases and reported 100+ bugs using test reporting tools.
- Executed SQL queries for backend validation; reduced data errors by 25%.

PROJECTS

Edumate – Course Management System
MERN stack platform for online learning with user authentication, instructor dashboard, and student progress tracking. Improved engagement through dynamic course modules and real-time data visualization.

Examify – Tablet Exam Portal
React.js + Node.js portal with timer-based auto-submission, real-time result analytics, and question bank management. Used by 100+ users across multiple exam sessions.

Digital Asset Management System
Secure web app using MongoDB, Express.js, and JWT-based auth for uploading, categorizing, and managing digital files (images/docs). Features include role-based access and file previews.

SKILLS

Languages: JavaScript, Python
Web: React.js, Node.js, Express.js, HTML, CSS, Tailwind
Database: MySQL, MongoDB
Testing: Selenium WebDriver, TestNG
Tools: Git, GitHub, Firebase, Postman