

Abdul Musawwir

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SUMMARY

Computer Science undergraduate with strong expertise in MERN stack development, data structures, and algorithms. Experienced in building full-stack web applications using React, Node.js, Express, and MongoDB, with hands-on exposure to CI/CD pipelines, Docker, Jenkins, and AWS cloud deployment. Passionate about developing scalable, secure, and performance-optimized software solutions.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL
- **Web Technologies:** HTML, CSS, JavaScript, REST APIs
- **Frameworks & Libraries:** React.js, Node.js, Express.js
- **Databases:** MongoDB, MySQL
- **DevOps & Cloud:** Docker, Jenkins, CI/CD Pipelines, AWS EC2
- **Developer Tools:** Git, GitHub, Postman, VS Code

PROJECTS & EXPERIENCE

MediConnect: Doctor–Patient Appointment Platform (Live Link)

(MERN, Razorpay Integration)

- Designed and deployed a full-stack MERN appointment system supporting 3 role-based dashboards with secure JWT authentication and bcrypt-based password protection.
- Developed RESTful APIs using Node.js/Express with MongoDB for managing users, appointments, and payments, handling 100+ concurrent requests.
- Integrated Razorpay payments, an AI-powered chatbot for user queries, automated Gmail notifications, and deployed the application on Vercel for scalable performance.

ResumeFit – AI-Powered Resume Analysis Tool with CI/CD Deployment (Live Demo) React, Node.js, Express, Google Gemini API

- Built an AI-powered resume analysis tool that compares PDF resumes with job descriptions using semantic similarity and ATS-style keyword scoring.
- Integrated Google Gemini API with a React (Vite) frontend and Node.js/Express backend to generate match scores and improvement insights, improving keyword match accuracy by 40%.
- Implemented CI/CD with Jenkins, containerized the application using Docker, and deployed it on AWS EC2.

SportHive: Sports Merchandise Inventory Management System

(Python, Streamlit, SQL)

- Developed an inventory management web app using Python, Streamlit, and MySQL for real-time stock tracking.
- Implemented CRUD operations, stock monitoring, and automated sales logging for accurate inventory updates.
- Built interactive KPI dashboards and integrated Gemini API for sales insights and revenue forecasting.

EDUCATION

B.Tech in Computer Science and Engineering

2022 – 2026

Ballari Institute of Technology and Management, Ballari, Karnataka

- Cumulative GPA: **9.2/10.0**
- Relevant Coursework: Data Structures & Algorithms, Computer Networks, DBMS, Operating Systems

Pre-University in Science

2020 – 2022

Nandi International College, Ballari, Karnataka

- Cumulative Percentage: **95%**

CERTIFICATIONS

Full-Stack Web Development — Apna College

Online — 2024

Completed in-depth training on React, Node.js, Express.js, MongoDB, and deployment workflows for building scalable web applications.

Python Programming — EZ Technologies

Remote — 2024

Acquired practical experience in Python development with a focus on problem-solving, algorithms, and data structures.

ACHIEVEMENTS

LeetCode 100-Day Coding Badge: Achieved for consistent problem-solving and dedication to coding practice.