

# Abdul Musawwir

Ballari, Karnataka | [abdulmusawwir611@gmail.com](mailto:abdulmusawwir611@gmail.com) | [LinkedIn](#) | [GitHub](#) | [LeetCode](#) | +91 86607 60647

## 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

- 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.