

YASIR ARFAT

Software Engineer — MERN Stack

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 LinkedIn  GitHub  LeetCode  Portfolio

Summary

B-Tech Computer Science undergraduate (2027) specializing in MERN stack development and Generative AI fundamentals. Experienced in designing scalable web applications, implementing JWT-based authentication, and deploying cloud-based solutions. Strong grasp of Data Structures, Algorithms, DBMS, and SQL with 200+ coding problems solved across platforms like (leetcode,Gfg,Hacker-rank). eager to contribute to high-impact engineering teams.

Education

- **Malla Reddy Engineering College** 2023 – May 2027 (Expected)
Hyderabad, India
 - *B.Tech in Computer Science (85%)*
 - Relevant Coursework: Data Structures & Algorithms, DBMS, Operating Systems, OOPS
- **Kendriya Vidyalaya** 2021 – 2023
Hyderabad, India
 - *Senior Secondary (77.5%)*

Projects

- **Syllabus Management System** (javascript,React,express.js) GitHub: [Frontend][Backend] — [Live]
 - Developed MERN-based platform for managing syllabus across branches, years, and semesters.
 - Implemented secure role-based access (Admin CRUD, Student view-only) using JWT.
 - Enhanced academic accessibility for 100+ students; deployed on Netlify (frontend) and Render (backend).
- **Airbnb Clone (MVC)** (EJS,Javascript,Express.js) [GitHub] [Live]
 - Built full-stack Airbnb clone using Node.js, Express, MongoDB, and EJS.
 - Integrated CRUD listings, authentication, Cloudinary image upload, and property filtering.
 - Followed MVC architecture to ensure modular, maintainable, and scalable development.
- **Conversational RAG PDF Q&A System** (Python,LangChain, Groq LLMs) [Live Demo] [GitHub]
 - Built a Streamlit-based RAG application for question answering over uploaded PDFs.
 - Used embeddings and vector search with chat history to provide context-aware responses.

Technical Skills

- **Technologies:** MERN-STACK , GENERATIVE-AI
- **Languages:** C++, JavaScript, Python
- **Frameworks:** React.js, Node.js, Express.js, Bootstrap
- **Databases & Cloud:** MongoDB, SQL, MongoDB Atlas
- **Tools:** Git, Docker, GitHub, Postman, VS Code, AI Tools
- **CS Fundamentals:** Data Structures & Algorithms, DBMS, Operating Systems, OOPS, Computer Networks

Achievements

- Solved 200+ DSA problems across LeetCode and GeeksforGeeks.
- Cleared 1st Round of Smart India Hackathon (SIH) as part of a 6-member team.

Certifications

- Microsoft Certified: Azure AI Fundamentals – [Credential]
- SQL (Basics) – HackerRank [Credential]
- Full Stack Web Development Certificate – Apna College