

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

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

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.
- **Email/SMS Spam Detection (Machine Learning)** (Python, Scikit-learn) [GitHub]
 - Built an ML-based classifier to detect spam messages using Python and scikit-learn.
 - Performed exploratory data analysis to identify spam patterns and keyword frequency.
 - Trained Multinomial Naive Bayes achieving strong accuracy and F1-score.

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