

Yaswanth Kota

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Professional Summary

Aspiring **Software Engineer (MERN Stack — Backend)** with hands-on experience building **real-time applications, REST APIs, and scalable systems**. Skilled in **Node.js, React, MongoDB, SQL**, with a strong foundation in **DSA and System Design** (420+ LeetCode problems). Passionate about solving problems and contributing to high-impact software engineering teams.

Technical Skills

Programming Languages: C++, Java, Python, JavaScript, SQL

Frameworks & Libraries: React.js, Node.js, Express.js, Tailwind CSS

Databases: MongoDB, MySQL

Cloud/DevOps: AWS, Docker, Firebase, Vercel, Cloudinary, GitHub Actions, CI/CD

Core CS: Data Structures, Algorithms, OOPS, System Design

Tools: Git, GitHub, Postman, VS Code

Education

Bachelor of Technology (B.Tech) in Computer Science and Engineering

JNTUH College of Engineering, Sultanpur

Expected 2026

CGPA: 7.8/10

Board of Intermediate Education (Class XII)

Sri Chaitanya Junior College, Vijayawada

2022

Percentage: 94.2%

Projects

Real-Time Chat Application — [Live Demo](#)

- Built a **scalable MERN chat app** enabling **real-time messaging** using Socket.io for seamless user communication.
- Added support for **group chats and media sharing**, enhancing collaboration and engagement across the platform.
- Integrated secure **JWT authentication**, protecting user sessions and ensuring data confidentiality.
- Implemented **Cloudinary-based image uploads**, improving performance and increasing message delivery reliability by 30%.

RFID-based IoT Attendance System — [GitHub Repo](#)

- Designed an automated **attendance tracker** using ESP32, RFID reader, and a MERN backend to reduce manual work.
- Ensured smooth device-to-server communication via **WebSockets**, providing instant updates to the system.
- Implemented **role-based JWT authentication**, ensuring data security for students, teachers, and administrators.
- Delivered a real-time **dashboard interface**, cutting attendance processing time and reducing manual errors by 90%.

FoodCart – Online Ordering Platform — [Live Demo](#)

- Developed a responsive **food-ordering application** supporting multiple categories like tiffins, combos, and desserts.

- Implemented **add-to-cart, order tracking, and checkout** functionality to streamline the ordering process.
- Designed a clean, mobile-first **UI/UX with interactive components**, ensuring smooth navigation between menus and cart.
- Optimized performance and responsiveness, resulting in a **25% faster order flow** and improved customer satisfaction.

Certifications

- Full Stack Web Development (MERN) – Udemy
- Problem Solving (Basic) – HackerRank
- Algorithms and Data Structures – TUF

Coding Profiles

- **LeetCode**: Solved 420+ problems; contest rating 1625 — [yaswanthkota_12](#)
- **GeeksforGeeks**: Coding score 800+ — [yaswantedap](#)

Achievements

- **1st Place** – Debugging Contest, TechFest 2024 (100+ participants).
- Built and deployed a MERN prototype in a **24-hr hackathon**, recognized for leadership and efficient problem-solving.
- Scored **93.95% in JEE (Main) 2022**.