MUMMADI ADARSH CHARY

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PROFESSIONAL SUMMARY

- Aspiring Software Engineering student with a solid grasp of **Data Structures, Algorithms, and full-stack development using the MERN stack**. Strong interest in building reliable, secure, and user-focused web applications. Actively seeking opportunities to apply skills in real-world projects, collaborate in dynamic teams, and grow as a developer.

SKILLS & TECHNOLOGIES

Programming Languages: **Java**, **JavaScript**, C, Python
Frontend: **React.js**, Redux, Zustand, HTML5, CSS3, Tailwind CSS
Backend: **Node.js**, Express.js
Database: MongoDB, MySQL
Tools & Concepts: **RESTful APIs**, Git, Web-Sockets, JWT, Socket.io, OOP, DSA, Agile, MVC

PROJECTS

Hellow — Real-Time Chat Application | [GitHub](#) | [Live Demo](#)　　　　　　　　　　May 2025 – June 2025

- Built a real-time chat web application using React and Socket.io for instant bidirectional communication.
- Used Zustand for global state management, improving state flow efficiency by **30%**.
- Implemented secure authentication with sign-up, login, active user display, and **OAuth 2.0** for seamless third-party login.
- Added message deletion, chat clearing for both users, and active user filtering.
- Implemented infinite scroll with server-side **pagination**, reducing initial load time by **35%**.

Workout-Tracker — Full Stack Project | [GitHub](#)　　　　　　　　　　　　　　　　　　　Feb 2025

- Developed a full-stack workout tracking system with complete CRUD operations and inline editing.
- Integrated secure **JWT-based authentication and authorization** for protected user access.
- Migrated frontend from Vanilla JavaScript to **React & Redux** for better scalability.
- Visualized workout trends using **Chart.js** for improved user insights.
- Designed a RESTful backend using Node.js and Express for clean data flow.

EDUCATION

CMR Technical Campus　　　　　　　　　　　　　　　　　　　　　　　　Hyderabad, Telangana
B-Tech in Computer Science and Engineering; ***CGPA: 9.30***　　　　　　　　　　　*2023 – 2027*

Teja's Jr. College　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Telangana
XII – MPC; Percentage: 73.6%　　　　　　　　　　　　　　　　　　　　　　　　*2021 – 2023*

ACHIEVEMENTS

Solved a total of 350+ coding problems across multiple platforms such as LeetCode, GeeksforGeeks, CodeForces, and CodeChef.

Participated in 5+ hackathons solving real-world problems in team environments.

Top 10 ranker in 5+ Smart Interviews coding contests.

CODING PROFILES

[LeetCode](#) | [CodeChef](#) | [CodeForces](#)

COURSEWORK

Data Structures & Algorithms, Object Oriented Programming, Database Management System, Operating Systems