MUMMADI ADARSH

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PROFESSIONAL SUMMARY

- Software Engineering undergraduate with strong foundations in **Data Structures, Algorithms, and Full Stack Web Development**. Experienced in building and deploying MERN-based applications with authentication, REST APIs, and real-time features.

SKILLS & TECHNOLOGIES

Programming Languages: Java, JavaScript, C, Python
Frontend: React.js, Redux, Zustand, HTML5, CSS3, Tailwind CSS
Backend: Node.js, Express.js
Databases: MongoDB, MySQL
Tools & Concepts: REST APIs, Git, JWT Authentication, WebSockets, Socket.io, OOP, DSA, MVC

PROJECTS

Hellow — Real-Time Chat Application | GitHub | Live Demo   May 2025 – June 2025
- Developed a real-time chat application using React, Node.js, Express, and Socket.io for instant communication.
- Implemented global state management using Zustand to simplify component communication.
- Built secure authentication using JWT and integrated OAuth 2.0 login support.
- Implemented message deletion, chat clearing, and active user filtering features.
- Added server-side pagination for user lists to optimize data loading.

Workout-Tracker — Full Stack Application | GitHub   Feb 2025
- Built a full-stack workout tracking application with complete CRUD functionality.
- Implemented JWT-based authentication and authorization to ensure secure access to user-specific data.
- Migrated frontend from Vanilla JavaScript to React and Redux for better scalability.
- Integrated Chart.js to visualize workout progress and trends.
- Designed RESTful APIs using Node.js and Express with MySQL.

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 **350+ problems** across LeetCode, GeeksforGeeks, CodeChef, and Codeforces.
- Participated in **5+** hackathons, collaborating in teams to build solutions for real-world problems.
- Secured **Top 10** ranks in multiple Smart Interviews competitive programming contests conducted at the college level.

CODING PROFILES

- LeetCode | CodeChef | Codeforces

COURSEWORK

- Data Structures and Algorithms, Object Oriented Programming, Database Management Systems, Operating Systems, Computer Networks.