

AJAY MUDETTULA

Hyderabad, Telangana

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Professional Summary

Motivated Computer Science student skilled in Java, Data Structures, and MERN stack development. Experienced in designing and deploying scalable web applications and REST APIs. Passionate about solving real-world problems, building data-driven systems, and collaborating with teams to deliver innovative software solutions.

Education

CVR College of Engineering <i>B.Tech in Computer Science and Engineering (CGPA: 8.17)</i>	2022 – 2026 <i>Hyderabad, India</i>
NRI Junior College <i>Intermediate (Grade: 98.4)</i>	2019 – 2021 <i>Hyderabad, India</i>

Projects

LinkUp – Group Chats & Interaction App

Technologies: React, Node.js, Express, MongoDB, Tailwind CSS

- Built a real-time communication platform with group chats, video calls, and screen sharing.
- Developed scalable REST APIs with Node.js and Express, integrating MongoDB for efficient data handling.

HoloNav – Gesture Controlled Virtual Interface

Technologies: Python, OpenCV, Mediapipe, PyAutoGUI

- Developed a touchless control system for Windows applications using real-time hand gestures.
- Implemented gesture recognition for cursor movement, clicks, scrolling, and app switching.
- Utilized Mediapipe for robust hand tracking and OpenCV for real-time visual feedback.

Internships

Generative AI Virtual Internship

Google Cloud Explored Generative AI tools and APIs, completing hands-on projects on prompt engineering

AI/ML Virtual Internship

Google for Developers Gained exposure to real-world ML workflows including data preprocessing, model training, and deployment

Technical Skills & Certifications

- **Programming Languages:** Java, Python, C, JavaScript, SQL
- **Web Development:** MERN Stack, REST APIs, JSON-based data handling
- **Databases:** MongoDB, MySQL, Firebase
- **Tools & SDLC:** Git, VS Code, Eclipse; familiar with CI/CD workflows
- **Big Data:** Basic knowledge of Hadoop and distributed systems
- **Certifications:** Oracle SQL Certified, Java Programming

Leadership & Achievements

- **Active Member, LDC Club** – Participated in workshops and collaborative coding sessions.
- **Core Member, Cybernauts Club** – Organized hackathons and technical awareness programs.
- **2 Coder at CodeChef** – Achieved competitive programming rating through contests.
- **LeetCode Enthusiast** – Solved 500+ problems, focusing on algorithms and data structures.