# MANTRIPRAGADA KOMAL SATHVIK

Bachelor of Technology
Computer Science and Engineering
CVR College of Engineering,Hyderabad

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## EDUCATION

**B.Tech. in Computer Science and Engineering** — 2023–2027
CVR College of Engineering — *CGPA: 9.38 (up to 2nd year)*

**Senior Secondary (Intermediate)** — 2021–2023
MIMS College — *Percentage: 96.1*

## TECHNICAL SKILLS

- **Web Technologies**: TypeScript, React, Next.js, Node.js, Express.js, MongoDB (MERN Stack), Tailwind CSS, Bootstrap, HTML, CSS, JavaScript, EJS, JWT, Git, GitHub, WebRTC, Socket.IO, Axios, CORS
- **Programming Languages**: Python, Java, SQL
- **Libraries & Tools**: Tkinter, Turtle Graphics, Bcrypt, Crypto, Chart.js, MySQL
- **Developer Tools**: VS Code, Vercel,Render, PyCharm, Git, GitHub

## PROJECTS

- **Clear-Connect: Online Video Conferencing Platform [Live Demo]**
  *Tech Stack: MongoDB, Bcrypt, Crypto, Socket.IO, Express.js, React, Bootstrap, Material UI, WebRTC, Axios, CSS*
  ◦ Objective: To develop a secure and user-friendly real-time video conferencing platform that supports one-on-one and group meetings.
  ◦ Designed and implemented core features including video calls, screen sharing, and live chat using WebRTC and Socket.IO.
  ◦ Ensured smooth communication between frontend and backend through optimized data streaming with Axios and WebRTC APIs.
  ◦ Integrated MongoDB to handle user sessions, chat history, and real-time data storage for a seamless meeting experience.

- **Intel Hackathon — Full-Stack Product Page for Direct Intel Sales [Live Demo]**
  *Tech Stack: HTML, CSS, JavaScript, React, Node.js, Express, MongoDB, Google AI Studio API, Axios, CORS*
  ◦ Objective: To create an online product platform for Intel that allows direct sales to customers while enhancing the shopping experience with AI.
  ◦ Built a responsive and interactive web application enabling users to browse and purchase Intel products directly from the platform.
  ◦ Integrated an AI-powered chatbot using Google AI Studio to provide real-time assistance and answer customer queries efficiently.

- **FoodRestro Application [GitHub]**
  *Tech Stack: HTML, CSS, EJS, Node.js, Express.js, Twilio API, MySQL*
  ◦ Objective: To design an efficient and secure food ordering system for restaurants with real-time order tracking and authentication.
  ◦ Implemented OTP-based login using Twilio API to ensure secure and quick access for customers.
  ◦ Developed a MySQL database structure to efficiently manage user accounts, menu items, orders, and payment transactions.
  ◦ Created backend services with Node.js and Express.js to handle order placement, tracking, and category-based menu navigation.

## EXPERIENCE

- **GDGC-CVR Web Team Lead**
  *OCT - PRESENT*
  ◦ Leading the Web Team in building and maintaining GDG event platforms and club websites.
  ◦ Managing and guiding a team of developers to build scalable web projects for GDG on Campus CVR.

- **Open Source Contributions**
  *2025*
  ◦ Contributed to open-source projects during **Hacktober'25** and **GSSoC'25**, delivering feature enhancements, bug fixes, documentation improvements, and merged those PRs.