

M. Vighnesh Prasad

FULL STACK DEVELOPER

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PROFESSIONAL SUMMARY

Self-motivated Full Stack Developer skilled in building modern web applications using the MERN stack. Developed full-stack projects with real-time features, authentication, and responsive design. Passionate about solving real-world problems through code.

SKILLS

Languages: JavaScript, Python, C++, HTML5, CSS3

Frontend: React.js, Next.js, Redux, Tailwind CSS

Backend: Node.js, Express.js

Databases: MongoDB, Supabase (PostgreSQL), MySQL

Tools: Git, GitHub, Postman, VS Code

Other: WebRTC, REST APIs, Authentication, Responsive Design

Education

B.Tech in Computer Science and Engineering

Indian Institute of Information Technology, Kurnool — 2023–2027

CGPA: 8.6 (as of 2025)

Intermediate (MPC)

Sri Chaitanya Junior College — 2021–2023

JEE Mains Percentile: 97.6

Experience

Worked on multiple real-world full-stack applications to strengthen practical development skills.

- Built a **Real Estate Web App** with listing filters, authentication, and Supabase backend
- Developed **CodeBuddy**, a coding platform inspired by LeetCode with user auth and live coding
- Currently working on a **Google Meet Clone** with real-time video/audio via WebRTC & Socket.IO
- Used modern tools like React, Node.js, Tailwind CSS, MongoDB, and Vercel/Render for deployment

PROJECTS

Real Estate Website — *React.js, Node.js, SupaBase (Postgres SQL), Cloudinary*

- A full-stack platform for browsing, filtering, and managing property listings.
- Features search, filter by location/price/type, and property detail view
- Added user authentication and property creation for registered users
- Used Supabase (PostgreSQL) to store listing data and manage user accounts securely
- **GitHub:** <https://github.com/vighnesh2005/realestate.git>

CodeBuddy — *Next.js, Node.js, MongoDB, Judge 0, Express*

- **Built an online coding platform with a live code editor using Monaco and Judge0**
- **Enabled users to solve problems with instant feedback and view live leaderboard rankings**
- **Designed admin role system to manage contests and problems efficiently**
- **Implemented full-stack architecture using Next.js, Express.js, and MongoDB**
- **Deployed frontend on Vercel and backend on Render for scalability**
- **GitHub:** <https://github.com/vighnesh2005/Codebuddy.git>
- **Live at:** <https://codebuddy-1wcn.vercel.app/problems>

Meets — *React.js, Node.js, Socket.IO, WebRTC, MongoDB*

- Started developing a video conferencing web application with real-time audio and video support
- Implemented peer-to-peer video streaming using WebRTC and signaling via Socket.IO
- Built basic UI for creating/joining meeting rooms with preliminary host control logic
- Planned features include screen sharing, recording, AI-powered captions, and participant permissions

CODING PRACTICE

- Solved 500+ DSA problems on platforms like LeetCode and GeeksforGeeks.
- Strong in algorithms including trees, graphs, dynamic programming, and recursion.
- Regularly participate in online coding contests to improve problem-solving skills.
- Participated in 20+ coding contests on leetcode, codechef and codeforces.