

Madhav Karyampudi

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Profile Summary

Full Stack Developer with expertise in MERN, Next.js, and TypeScript, building scalable, responsive, and accessible web applications. Experienced in modern UI frameworks (Tailwind, ShadCN, Material UI) and state management (Zustand, Context API). Skilled in API integration, performance optimization, and delivering high-quality user experiences. AI-native developer leveraging GitHub Copilot and AI-assisted debugging to accelerate development and improve code quality.

Technical Skills

Frontend: HTML/CSS, JavaScript, React.js, Next.js, Zustand , Context API ,Tailwind Css, ShadCN UI.

Backend: Node.js, Express.js, RESTAPIs, JWT, Socket.IO, Clerk, Cloudinary

Databases: PostgreSQL , MySQL ,Mongoose ,Prisma

Tools: Git/GitHub, Postman, Render , Vercel

Programming: Python, C , Java

Experience

FullStack Intern-Eduskills-AICTE

Apr-Jun2025

- Learned building responsive UI with React.js, Next.js, and TailwindCSS.
- Practiced implementing JWT authentication and integrating RESTAPIs.
- Collaborated with Git/GitHub for version control .
- Optimized frontend for accessibility ,performance, and stability, reducing load times and improvingUI responsiveness.

Projects

Real-Time Messaging App

WebSite

- Developed a real-time chat application using React.js, TailwindCSS, and DaisyUI for responsiveUI.
- Implemented Socket.IO for live messaging and JWT-based authentication for secure login.
- Integrated Cloudinary for media upload with preview functionality.

AI-Powered StudyHub

GitHub

- Built an AI-driven skill recommender platform using MERNstack,Gemini1.5Pro, and InngestAPIs.
- Designed interactive modules with quizzes, progress tracking, and Zustand state management.
- Delivered mobile-first responsive design optimized for smooth user experience.

Social Media Application

GitHub

- Developed a full-stack social platform with Next.js App Router,TypeScript ,and Postgre SQL(Prisma ORM).
- Implemented Clerk authentication,dynamic routing, file uploads(UploadThing),and optimistic UI updates.
- Styled application with Tailwind CSS and ShadCNUI components for modern,accessible interface.

Education

B.Tech in AI&ML,SRKR Engineering College

2023-Present—CGPA:8.38

Intermediate (MPC),Sri Chaitanya Jr . College

2021–2023—CGPA:9.77

SSC, Teja High School

2020–2021—CGPA:10.0

Certifications

- Postman API Fundamentals Student Expert-[ViewCredentials](#)
- Python Programming-Cisco/LinkedIn Learning-[ViewCredentials](#)
- Machine Learning with Python-IBM Cognitive Class-[ViewCredentials](#)
- C Programming-Cisco-[ViewCredentials](#)

Achievements

- HackerRank5-Star (Python)
- Hackoverflow Finalist(Top10Teams,Fullstack+AIproject)

AdditionalTraining

- Regular problem solving on Leet Code ([ProfileLink](#))