

# 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, REST APIs, 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 REST APIs.
- Collaborated with Git/GitHub for version control.
- Optimized frontend for accessibility, performance, and stability, reducing load times and improving UI responsiveness.

## Projects

### Real-Time Messaging App

[WebSite](#)

- Developed a real-time chat application using React.js, TailwindCSS, and DaisyUI for responsive UI.
- 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, Gemini 1.5 Pro, and Inngest APIs.
- 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 PostgreSQL (Prisma ORM).
- Implemented Clerk authentication, dynamic routing, file uploads (UploadThing), and optimistic UI updates.
- Styled application with Tailwind CSS and ShadCN UI 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—[View Credentials](#)
- Python Programming—Cisco/LinkedIn Learning—[View Credentials](#)
- Machine Learning with Python—IBM Cognitive Class—[View Credentials](#)
- C Programming—Cisco—[View Credentials](#)

## Achievements

- HackerRank 5-Star (Python)
- Hackoverflow Finalist (Top 10 Teams, Fullstack+AI project)

## Additional Training

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