KOLLI HIMARAGA VARSHITH

Aspiring MERN Stack Developer

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Summary

I'm a passionate Full Stack Web Developer skilled in the MERN stack, building responsive frontends and scalable backends. I specialize in RESTful APIs, JWT auth, and third-party integrations like Stripe. Experienced with version control, cloud deployment, and database design, I thrive in collaborative, real-world projects.

Education

R.V.R AND J.C COLLEGE OF ENGINEERING
Guntur, Andhra Pradesh
B-Tech in Computer Science and Engineering
08/2023 - 06/2027

Key Achievements

⚑ **OPTIQUEST Contest Achievement**
Won 1st place in OptiQuest, an inter-college DSA contest.

Skills

CSS · C · Data Structures · Figma · HTML · Java · JavaScript · MongoDB · Python · React · SQL · Node.js · Gmail · Express · Socket.IO · JWT · Mongoose · Problem Solving · WebSockets · REST APIs · State Management

Projects

Real-Time Chat App
https://chat-app-omega-olive.vercel.app

Developed a full-stack chat application enabling instant messaging using WebSockets and the MERN stack

- **Stack:** React, Node.js, Express, MongoDB, Socket.IO, JWT, Tailwind CSS
- Built a one-on-one chat app using React, Node.js, Express, and MongoDB.
- Enabled real-time messaging with Socket.IO and WebSockets.
- Secured routes with JWT authentication and cookie-based sessions.
- Designed a responsive UI using Tailwind CSS with typing indicators.
- Managed auth and socket state using Zustand and Context API.

Food Delivery Web App
https://food-del-rust.vercel.app

Created a responsive food ordering platform using the MERN stack with secure payments and user authentication.

- Integrated **Stripe Checkout** for seamless and secure online payments.
- Built **RESTful APIs** for products, cart, and orders with **JWT-based auth**.
- Managed user login/signup with hashed passwords and cookie sessions.
- Stored menu items, orders, and user data in **MongoDB** with proper schema design.
- Designed a clean UI using **React**, **Tailwind CSS**, and responsive layouts.
- Handled cart state and order flow efficiently with React hooks and context.

Emergency Services Locator
https://emergency-service-pink.vercel.app

Built a real-time emergency response app to help users locate and connect with nearby services like hospitals and police stations.

- Integrated **Leaflet.js** for interactive, real-time maps and geolocation-based service discovery.
- Used **Socket.IO** for live communication between users and responders.
- Secured APIs and socket connections with **JWT authentication** and cookie sessions.
- Designed dynamic service listings, distance-based sorting, and one-click contact options.
- Stored user and service data in **MongoDB**, structured with Mongoose models.
- Developed a mobile-first UI using **React** and **Tailwind CSS**, ensuring quick access in critical situations.