

Nithish Reddy Mendu

Full Stack Web Developer

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Professional Summary

Backend-focused Full Stack Developer experienced in building scalable, real-time web applications and MVPs using MERN stack. Strong in API design, authentication, real-time systems, and cloud-based media handling. Proven ability to independently design and deliver production-ready systems with clean architecture.

Technical Skills

Languages: JavaScript (ES6+), C, C++, Python, Java

Frontend: React.js, Zustand, HTML5, CSS3, Responsive Design

Backend: Node.js, Express.js, REST APIs, JWT Authentication, Socket.IO

Databases: MongoDB, MySQL, Mongoose ODM

Tools: Git, GitHub, Postman, Stripe API, Cloudinary, Multer, Nodemailer

Core CS: Data Structures & Algorithms, MVC Architecture, WebSockets

Projects

LocalLynk – Location-Based E-Commerce Platform

local-lynk.onrender.com

React, Node.js, Express, MongoDB, Stripe, Socket.IO, Cloudinary

- Designed and implemented a backend-first architecture supporting buyers and sellers with role-based access control.
- Built secure REST APIs with JWT authentication and integrated Stripe for end-to-end payment processing.
- Implemented real-time one-to-one chat using Socket.IO, improving user engagement and communication.
- Optimized media uploads using Multer and Cloudinary for scalable image storage.

TeamFlow – Real-Time Project Management Tool

teamflow.onrender.com

React, Node.js, Express, MongoDB, Socket.IO, Zustand

- Developed a collaborative task management system with drag-and-drop task boards.
- Engineered real-time updates using WebSockets, eliminating page refreshes during collaboration.
- Designed efficient database schemas using BoardMembership model to reduce query complexity.
- Implemented role-based permissions, email invitations, typing indicators, and read receipts.

Education

B.Tech in Computer Science

Mahatma Gandhi Institute of Technology

2024 – 2028

CGPA: 9.00 / 10.00

Certifications

- Postman API Fundamentals – Student Expert
- Node.js Bootcamp – Udemy