Raghul kannan

Full-Stack Developer | MERN | Next Js

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Technical Skills

- ❖ **Frontend :** Next.js, React.js, TypeScript, JavaScript, Tailwind, HTML, CSS
- ❖ **Backend :** Node.js, Express.js, MongoDB, JWT, Mongoose, RESTful APIs, Axios
- ❖ **Dev Tools:** Version Control, VS Code, Github, Vercel, Postman
- ❖ **Languages :** Python, C++, Java, Problem-Solving, Solved 50+ problems

Projects

Waitless Online : (Link: waitless.online)

Engineered a real-time virtual queue system for clinics and salons using a hybrid architecture. **Next.js frontend** with an **Express + WebSocket backend**. Integrated **Zustand** for state management and **JWT**-based token flow with **OAuth** (**Google**) for secure access. Used **MongoDB with Mongoose** to manage user queues and visit data.
Implemented dynamic room-based **WebSocket** channels to push live queue status updates across multiple clients. Designed responsive admin and customer dashboards optimized for both mobile and desktop.

MealMesh : (Live Link **)**

Built a **B2B2C** meal donation network connecting donors and NGOs. Developed using **MERN** stack with JWT-auth and **role-based access**. Enabled organizations to list meal requests and donors to fulfill them with real-time status updates. Integrated **MongoDB** for dynamic listings and used **REST APIs** for organization-donor coordination.

Cryptoverse: (Live Link **)**

Developed a full-stack cryptocurrency dashboard using **React** (Vite) and **Node.js (Express)** with **MongoDB** integration. Implemented real-time price tracking, global market stats, and news aggregation using external APIs. Integrated **JWT-based** authentication, caching, and rate limiting for security and performance.

Certification

FreeCodeCamp:

- Responsive Web Design,
- JavaScript Algorithms & Data Structures
- Front End Development Libraries
- Scientific Computing with Python

MongoDB : MongoDB Node.js Developer

Education

BCA - RV Government Arts College, Chengalpattu (2022-2025).