

Raghul Kannan

Full-Stack Developer | MERN & Next.js | WebSockets | API Integration

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Technical Skills

- ❖ **Frontend** : Next.js, React.js, TypeScript, JavaScript, Tailwind CSS, HTML, CSS
- ❖ **Backend** : Node.js, Express.js, WebSockets, REST APIs, API Integration
- ❖ **Databases**: MongoDB, Mongoose, PostgreSQL, Prisma
- ❖ **Authentication** : JWT, OAuth, Role-Based Access
- ❖ **Languages** : Java, Python, C++
- ❖ **Other** : Git, Axios, Zustand, Problem-Solving (50+)

Projects

Waitless Online: (Link: waitless.online)

- Built a SaaS (**real-time virtual queue**) for clinics/salons using Next.js + Express + WebSockets.
- Integrated Zustand for state management, JWT + OAuth for secure access, and MongoDB with Mongoose for queues/visit data.
- Implemented **room-based WebSocket channels** to sync live queue status across 100+ concurrent clients.
- Delivered **responsive admin & customer dashboards** optimized for desktop/mobile.

MealMesh: ([Live Link](#))

- Designed a **B2B2C meal donation platform** connecting donors and NGOs.
- MERN stack with JWT-based role access, REST APIs, and MongoDB for live listings.
- Enabled **real-time coordination** between organizations and donors

Cryptoverse: ([Live Link](#))

- Developed a **cryptocurrency dashboard** with React (Vite) + Express + MongoDB.
- Integrated APIs for **live market stats & news aggregation**, with caching, and rate limiting.
- Implemented secure login/register with JWT authentication.

Certification

FreeCodeCamp – Responsive Web Design, JavaScript Algorithms & Data Structures, Frontend Libraries, Scientific Computing with Python

MongoDB – Node.js Developer Certification

Education

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