Mugunthan R

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OBJECTIVE

Full Stack Developer skilled in building production-grade applications using React, Next.js, Node.js, and PostgreSQL. Experienced in converting Figma designs into responsive interfaces, and implementing real-time features using Socket.io. Proficient with TailwindCSS, basic Go (Golang), and deployment on Vercel, Render, and AWS. Passionate about scalable systems, clean architecture, and contributing to impactful, mission-driven startups.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, SQL, C, Java (basic), Python (basic), Go (basic)
- **Frontend:** React.js, Next.js, Angular, Vue.js, HTML5, CSS3, TailwindCSS
- **Backend:** Node.js, Express.js, PostgreSQL, MySQL, MongoDB, REST APIs, JWT Auth, Socket.io
- **Tools:** Git, Webpack, Vite, GitHub Actions, Vercel, Render, AWS EC2/S3 (basic), Docker (learning)
- **Testing & DevOps:** Jest, React Testing Library, CI/CD, TDD, Agile, SDLC
- **Other:** Figma → Web conversion, real-time systems, authentication, deployment

WORK EXPERIENCE

Freelance Full-Stack Developer (Remote)
July 2024 – Present

- Developed 5+ enterprise-grade full-stack apps using React, Node.js, and PostgreSQL.
- Converted Figma designs into pixel-perfect UIs using TailwindCSS and Next.js.
- Built secure, scalable REST APIs; implemented role-based JWT authentication.
- Designed real-time features (chat, collaborative editing) using Socket.io.
- Reduced page load time by 40% using code-splitting and lazy loading.
- Mentored junior devs; enforced CI/CD pipelines and TDD practices.
- Deployed apps via Vercel, Render, with basic exposure to AWS EC2, S3.

RELEVANT PROJECTS

Real-Time Business Chat App – React, Node.js, Socket.io, PostgreSQL

- Built a chat-style app with live messaging, role-based access, and PostgreSQL data persistence.
- Integrated UI from Figma designs, styled using TailwindCSS.
- Deployed on Vercel with CI/CD and monitoring.

Enterprise Data Collaboration Dashboard – React, TypeScript, Redux, Chart.js

- Visualized large datasets in a scalable dashboard UI.
- Boosted engagement by 30% with responsive, intuitive UX.
- Integrated automated testing and linting pipelines.

Smart Schema Explorer – Angular, TailwindCSS, Node.js, MongoDB

- Built a NoSQL schema visualizer with live collaborative editing.
- Used RxJS for reactive state; enforced modular architecture.

Patient Program Portal – Node.js, MySQL

- Created a secure backend to manage patient records with indexing and access controls.

EDUCATION

Bachelor of Engineering – Electronics and Communication Annamalai University, Tamil Nadu CGPA: 6.85	Aug 2021 - May 2024
Diploma – Electronics and Communication AVC Polytechnic College, Mayiladuthurai CGPA: 7.27	July 2017 - April 2021

Technical Achievements

- Solved 90+ DSA problems on LeetCode
- Contributed to open-source projects, collaborated with global devs
- Comfortable working independently and in agile remote teams