

Mugunthan R

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OBJECTIVE

Full-Stack Developer with strong Node.js and React.js experience. Built and deployed scalable, real-time apps. Eager to contribute to mission-driven startups and take ownership of end-to-end development.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, Python (basic), Java (basic), C (academic), SQL
- **Frontend:** React.js, Vue.js, Angular, HTML5, CSS3, Tailwind CSS
- **Backend & Tools:** Node.js, Express.js, Django (learning), Django Rest Framework (learning), MongoDB, MySQL, PostgreSQL, Git, Webpack, Vite
- **Cloud & DevOps:** Vercel, Render, AWS (EC2, S3 – basic), GitHub Actions, CI/CD
- **Testing:** Jest, React Testing Library, Unit/Integration Testing
- **Other Tools:** REST APIs, JWT Auth, Socket.io, WebSockets, TDD, SDLC, Agile, Celery (learning)
- **Operating Systems:** Linux, Windows

WORK EXPERIENCE

Freelance Full-Stack Developer (Remote)

July 2024 – Present

- Built 5+ enterprise-grade applications using Angular, React, and TypeScript.
- Reduced page load time by 40% via lazy loading and code-splitting.
- Mentored junior developers; enforced TDD and CI/CD practices.
- Collaborated with clients and teams for timely, scalable solution delivery.
- Designed REST APIs and backend services using Node.js and MySQL.
- Deployed applications using Vercel and Render; familiar with AWS (EC2, S3).
- Currently building chat-style apps with real-time features using React, Node.js, and Socket.io.

RELEVANT PROJECTS

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

- Built scalable metadata-first UI for data visualization.
- Boosted user engagement by 30% through responsive, intuitive UX.
- Integrated CI/CD, linting, and automated testing pipelines.

Smart Schema Explorer - Angular, Tailwind CSS, Node.js, MongoDB

- Built a collaborative NoSQL schema visualizer with live editing.
- Used RxJS for reactive state management; enforced modular architecture.
- Implemented role-based JWT authentication.

Open Data Catalog & Explorer - React, Node.js, MongoDB

- Developed a real-time collaborative catalog with metadata enrichment.
- Integrated Socket.io for live updates and editing.

Patient Program Portal (Personal Project) – Node.js, MySQL, JWT Auth

- Built a secure backend system for managing patient records with role-based access.
- Developed REST APIs and applied SQL indexing for performance.

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+ problems on LeetCode, showcasing strong problem-solving ability.
- Contributed to open-source projects and collaborated with developers globally.
- Familiar with SDLC, Agile methodologies, Git-based version control, and team collaboration.
- Exposure to SDLC, Git workflows, and embedded systems (UART, I2C).