

SHRISHAIL SHARANARTHI

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OBJECTIVE

Aspiring MERN Stack Developer with a strong foundation in MongoDB, Express.js, React.js, and Node.js. Passionate about creating responsive web applications, developing efficient backend systems, and solving complex programming challenges. Continuously learning modern web technologies and committed to building impactful digital solutions that enhance user experience and business growth.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

2022 – 2026

N. K. Orchid College of Engineering & Technology, Solapur

TECHNICAL SKILLS

Languages: Java, C++ (OOP), C, Python

Front-End Development: HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Tailwind CSS, Responsive Web Design, Component-Based Architecture

Back-End Development: Node.js, Express.js, RESTful APIs, JWT Authentication, Role-Based Access Control (RBAC), Middleware Development, Microservices Fundamentals

Databases & Caching: MongoDB, MySQL, Redis, Database Design, Query Optimization

Tools & Platforms: Git, GitHub, GitHub Actions, Postman, VS Code

AI & Emerging Technologies: LLM APIs, Generative AI

PROJECTS

Codemaster – Real-Time MERN Competitive Coding Platform

Jan 2025 – May 2025

- Technologies: React.js, Node.js, Express.js, MongoDB, Redis, JWT, REST APIs
- Architected an end-to-end MERN platform with user authentication, problem management, submissions, and live leaderboards.
- Built a sandboxed real-time code execution engine with auto-grading and instant feedback for users.
- Reduced API response latency by 40% through Redis caching for leaderboards and problem data queries.
- Secured all routes using JWT middleware and refresh-token rotation for persistent and secure user sessions.

IVF Management System – Multi-Role Healthcare Web App

Aug 2024 – Dec 2024

- Technologies: React.js, Node.js, Express.js, MongoDB, JWT, REST APIs, Tailwind CSS
- Developed a full-stack IVF clinic platform supporting patient records, appointment scheduling, and treatment tracking.
- Engineered 15+ RESTful API endpoints with role-based JWT access control for Admins, Doctors, and Nurses.
- Designed React dashboards for clinical data reporting and multi-user workflow management.

LLM Chatbot – AI-Powered Full-Stack Conversational Application

Jun 2024 – Aug 2024

- Technologies: Next.js, TypeScript, LLM APIs, Prompt Engineering, REST APIs
- Built a production-ready LLM chatbot with streaming responses, multi-turn context handling, and state management.
- Reduced token consumption by 20% through advanced prompt engineering, improving efficiency and reducing API costs.
- Integrated LLM APIs to deliver context-aware and intelligent conversational experiences.

CERTIFICATIONS

Full-Stack Web Development Certification | Nexus Development

Dec 2025

Core Java & SQL Corporate Training | Zensar ESD

Aug 2024

Communication & Professional Teamwork Skills | Corporate Skills

2024