SAGAR DHEBE

Full Stack Engineer | MERN Stack Expertise | Scalable Architecture | API Optimization

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SUMMARY

Full Stack Engineer skilled in React, Node.js, and database design, with hands-on experience in building scalable, high-performance applications. Demonstrated ability to optimize frontend and enhance backend security using JWT-based authentication in complex projects. Adept at designing efficient database schemas and APIs, committed to delivering robust solutions that drive user engagement and operational excellence. Seeking to contribute advanced technical expertise and innovative problem-solving skills to a forward-thinking development team.

PROJECT EXPERIENCE

Custom Knowledge-Based Assistant

SagarBoot   09/2025 - 10/2025   https://github.com/sagar8928/sagarBoot

- Engineered full-stack conversational platform processing daily requests
- Optimized React frontend bundle size, reducing initial load time and Time-to-Interactive to under 1.5s
- Designed MongoDB schema with, improving knowledge retrieval speed by 40%
- Implemented JWT-based authentication and role-based access control (RBAC) securing sensitive user data and history

LLM-Driven Conversational Platform (DeepSeek)

07/2025 - 08/2025   https://github.com/sagar8928/Deepseek-Clone

- Integrated Groq API to power AI chat responses, leveraging high-performance LLM inference with sub-100ms latency and achieving 99.9% uptime for AI response delivery
- Architected production-grade backend API layer handling concurrent users with predictable latency using Node.js
- Designed MySQL schema with 3+ tables, and improved query performance by 60% for conversation history retrieval
- Integrated Prisma ORM for type-safe database operations, reducing runtime errors by 45%

EDUCATION

Bachelor's Of Computer Application

Chetana College of Commerce and Arts
Mumbai, Maharashtra, India

SSC

IES Secondary School, Marol
Mumbai, Maharashtra, India

KEY ACHIEVEMENTS

💎 **High-Volume Request Handling**
Engineered platform processing over daily requests, enhancing scalability and performance.

💎 **Frontend Optimization Success**
Reduced initial load time by 40%, achieving faster user interaction.

💎 **AI Chat Reliability**
Achieved 99.9% uptime with sub-100ms latency for AI response delivery.

💎 **Database Query Efficiency**
Improved query performance by 60% for conversation history retrieval using MySQL.

SKILLS

Frontend

React.js   Next.js   Redux   Tailwind CSS

Backend

Node.js   Express.js   REST API Design

Database

MongoDB   MySQL   Prisma ORM

Tools

Git   GitHub

Core Expertise

API Security (JWT)

Authentication/Authorization

Performance Optimization

Scalable Architecture