

Manas Sharma

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[GitHub](#) — [LeetCode](#)

Professional Summary

Junior Software Engineer with strong backend and full-stack fundamentals. Experienced in building and deploying production-ready MERN and AI-powered applications. Comfortable with Data Structures and Algorithms, clean API design, and fast-paced startup environments.

Technical Skills

Languages: JavaScript, TypeScript

Frontend: React.js, Next.js, Tailwind CSS

Backend: Node.js, Express.js, REST APIs

Databases: MongoDB, SQL, Redis, Convex

DevOps & Deployment: Docker (basic), CI/CD concepts, GitHub Actions

CS Fundamentals: Data Structures & Algorithms, OOP, OS, DBMS

Tools: Git, GitHub, Postman, Linux

Projects

AI Event Manager (Live)

Next.js, Convex, Groq API

- Built and deployed an AI-powered event management platform allowing users to browse events by location and create events using AI-generated content.
- Implemented backend logic with event CRUD operations, authentication, and real-time data handling.
- Integrated Groq API for AI-generated event descriptions and agendas during event creation.
- Added ticket generation with QR codes and implemented robust form validation using Zod and React Hook Form.

Live Demo

AI Finance Tracker (Live)

Next.js, Express.js, MongoDB

- Developed secure REST APIs for expense and income tracking with JWT-based authentication.
- Integrated AI assistance to analyze spending patterns and provide cost-optimization insights.

Live Demo

Additional

- Solved **100+ Data Structures and Algorithms problems** across arrays, strings, trees, graphs, and dynamic programming (NeetCode).
- Comfortable explaining backend design decisions, data flow, and system trade-offs.

Education

Guru Tegh Bahadur Institute of Technology, New Delhi

B.Tech in Electronics & Communication Engineering

CGPA: 8.4 / 10