

KESHAV DIXIT

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SUMMARY

Highly motivated Full-Stack Developer with a strong foundation in Data Structures and Algorithms, having solved 200+ coding problems across platforms (200+ on LeetCode). Experienced in building scalable web applications using React, Node.js, and PostgreSQL. Passionate about writing clean, efficient code and eager to leverage both robust problem-solving skills and hands-on project experience in a professional engineering role.

Education

JSS Academy of Technical Education

B.Tech in Computer Science and Engineering – **CGPA: 7.87**

10/2023 – Present

Noida, Uttar Pradesh

A J V Int. Coll., Bewar, Mainpuri

Class XII (PCM) – **Percentage: 82.6%**

04/2021 – 05/2022

Bewar, Uttar Pradesh

Projects

PrimeNext – Full Stack E-Commerce Platform 🔗

Technologies: React, Express.js, TypeScript, PostgreSQL, Drizzle ORM, Clerk, Polar, Sentry

- Architected a production-grade e-commerce platform from scratch with React, Express.js, TypeScript, Neon PostgreSQL, and Drizzle ORM, deployed live on Render.
- Diagnosed and fixed a Polar payment webhook signature verification failure caused by double-base64 encoding, restoring reliable order processing end-to-end.
- Resolved a Clerk JWT authentication bug from a silently dropped `clockSkewInMs` config (library version issue), eliminating intermittent session failures for all users.
- Built product catalog, cart, and checkout flows with an admin dashboard for managing products and orders; corrected Polar checkout payload/currency mismatches to fix failed transactions.
- Integrated Stream for real-time support chat (video calls, typing indicators, threaded messages, file sharing) and added Sentry for error monitoring and structured logging across the stack.

AnyQuery AI 🔗

Technologies: Next.js, FastAPI, LangChain, Google Gemini, FAISS, Tailwind CSS

- Built a full-stack Retrieval-Augmented Generation (RAG) application allowing users to semantically query and chat with YouTube videos and PDF documents.
- Engineered a Python backend using FastAPI and LangChain to extract, chunk, and store transcripts in a FAISS vector database for rapid similarity search.
- Overcame strict API rate limits (HTTP 429) by migrating the embedding pipeline to a local HuggingFace `sentence-transformers` model, completely eliminating quota restrictions.
- Designed a responsive UI with Next.js and Tailwind CSS, integrating `react-markdown` to instantly parse and render beautifully structured AI responses.

Technical Skills

Programming Languages: C++, C, Java, Python, JavaScript, SQL

Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS

Backend: Node.js, Express.js, REST APIs, TypeScript, Socket.IO

Databases: PostgreSQL, MongoDB, Drizzle ORM

Tools & Platforms: Git, GitHub, VS Code, Cursor, Clerk, Sentry, Render, Vercel, Linux

Achievements

- Solved 200+ Data Structures and Algorithms problems on LeetCode**
- Built and deployed multiple production full-stack applications independently, from database schema design through live deployment (Render, Vercel).