

# JATIN SAINI

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<https://personal-portfolio-drab-two-91.vercel.app>

## EDUCATION

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### KIET Group of Institutions

B.TECH, Computer Science ; GPA: 7.2/10

Ghaziabad, Uttar Pradesh

Nov. 2022 – July 2026

## PROFESSIONAL EXPERIENCE

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### Global Next Consulting (GN CIPL)

Full Stack Web Development Intern

Noida, India

Sept. 2025 – Nov 2025

- **Engineered** a live full-stack web application using **React** for the frontend and **Node.js/Express** for server-side logic.
- **Architected** responsive user interfaces and integrated RESTful APIs to ensure seamless data flow between the client and server.
- **Collaborated** in an industrial workshop environment, adhering to NCS (National Capability Standard) protocols for code quality and documentation.

## PERSONAL PROJECTS

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### TailorAI – Resume Analysis Platform | [GitHub](#) Dec 2025 - Jan 2026 Next.js, Node.js, Firebase (Firestore), LLM API, JSON Workflows

- **Built** an AI-powered engine using **Next.js** and **LLM APIs** to evaluate resumes against job descriptions using structured **JSON**.
- **Developed** a full-stack system utilizing **Firebase Firestore** for persistent analysis history and real-time UI updates.

### AI-Powered Speech Translator | [GitHub](#) Oct 2025 - Nov 2025 React.js, TypeScript, Groq's Whisper API, MediaRecorder API, State Management

- **Engineered** a real-time speech translation application leveraging **Groq's Whisper API** to transcribe and translate Hindi audio to English text.
- **Implemented** robust asynchronous API handling using **FormData** and the **MediaRecorder API** to capture high-quality audio streams.

### TaskNest – Task Management Platform | [GitHub](#) Sept 2025 - Oct 2025 Next.js, React.js, TypeScript, Node.js, Express.js, Firebase (Auth/Firestore)

- **Built** a collaborative productivity platform using **Next.js** and **TypeScript**, enabling real-time task synchronization across multiple user workspaces.
- **Integrated** a secure authentication system and **Firebase Firestore** backend to manage complex data relations and scalable user assignments and **Node.js/Express** backend to manage scalable user assignments.

### RAG-Powered AI Chatbot | [GitHub](#) Dec 2025 - Jan 2026, Next.js, FastAPI, ChromaDB, HuggingFace Embeddings, Groq LLM, RAG Architecture

- **Engineered** a full **Retrieval-Augmented Generation (RAG)** system enabling users to upload PDFs and query private documents with grounded responses.
- **Built** a **FastAPI** backend to handle document ingestion, text extraction, chunking, and persistent vector storage using **ChromaDB**.
- **Implemented** semantic search using **HuggingFace embeddings** for accurate top-k chunk retrieval and context-aware response generation.
- **Integrated Groq LLM** for answer generation strictly based on retrieved document context.

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, Python, Java

**Backend:** Node.js, Express, REST APIs, FastApi, Firebase

**Frontend:** React.js, Next.js, Html, CSS, Tailwind CSS, Browser APIs (Media Recorder)

**Database:** PostgreSQL, Firestore

**AI & Intelligent Systems :** LLM APIs (Groq, OpenAI-compatible), LangChain, Prompt Engineering, Retrieval-Augmented Generation (RAG), Embeddings, Agentic Workflows

**Tools & Platforms :** Git, GitHub, CI/CD, Docker, Vercel