

SURAJ GUPTA

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Professional Summary — Full Stack MERN & AI Engineer skilled in building scalable web applications, RAG systems and AI-powered platforms using React.js, Next.js, Node.js, MongoDB, FastAPI, and cloud deployment. Focused on building, clean efficient, and user-centric solutions. 2x Hackathon Winner.

Skills

Programming Languages: Python, JavaScript, TypeScript

Frontend & Mobile: React.js, Next.js, TypeScript, React Native (Expo), Redux Toolkit, Tailwind CSS, Framer Motion, Gsap

Backend & APIs: Node.js, Express.js, FastAPI, REST APIs, GraphQL, JWT Authentication, OpenAPI

Database & ORMs: MongoDB, Mongoose, PostgreSQL, Firebase, Redis, MySQL

AI / ML & LLMs: OpenAI APIs, Hugging Face, LangChain, LangGraph, RAG Pipelines, Vector Embeddings, Prompt Engineering, NLP, ChromaDB, Pinecone, OpenCV

Automation & Tools: n8n, Webhooks, Git-GitHub, Docker, Vercel, Render

Experience

Full Stack Developer | iLikeFile [\[Live Demo\]](#)

March 2025– Present

- Built and scaled iLikeFile.com from scratch — a production-ready full stack file-processing platform with 28+ tools and 1,000+ monthly visitors, including international traffic across PDF, image, and AI-powered workflows.
- Developed high-performance frontend using React.js and Next.js with optimized REST API integrations, delivering fast and responsive UX across all tool modules.
- Implemented AI/ML-powered background removal, scalable FastAPI backend, Docker containerization, and CI/CD pipelines deployed on Vercel and Render.

AcmeGrade | Frontend Developer Intern

Jan 2025 – May 2025

- Maintained and improved React.js & Next.js frontend interfaces for an ed-tech platform.
- Built responsive and modern UI components with focus on user experience and performance.
- Developed a complete frontend website for a client project using React.js and Tailwind CSS.
- Collaborated on frontend integrations and UI enhancements across multiple modules.

Projects

AI Chatbot & RAG System — Python, FastAPI, LangChain, ChromaDB, Groq API

- Architected a production-grade RAG chatbot using FastAPI, LangChain, ChromaDB, and all-MiniLM-L6-v2 embeddings with multi-turn chat and session memory.
- Implemented semantic search, file upload, and context-aware LLM responses using vector embeddings and Prompt Engineering best practices.

Vision Attend — AI Face Recognition Attendance System [\[Live Demo\]](#)

- Built a real-time face recognition attendance system using Python, OpenCV, and a custom-trained ML model with JWT-secured REST APIs.
- Developed a React.js dashboard for live attendance visualization and Node.js/Express.js admin panel with role-based access control.
- Designed a React Native (Expo) student mobile app with face scan, timetable view, and MongoDB-backed structured data management.

Achievements

2x Hackathon Winner

- Sahyog College of Management & IT — UI/UX Winner
- Pillai College Hackathon — 3rd Runner-Up
- Finalist — Multiple Regional & National Hackathons

Education

Sahyog College of IT and Management, Thane
Bachelor of Science in Information Technology

Aug 2023 - April 2026