

Priyansh Singh

Fullstack developer focusing on performance

Backend and infra with a taste for good UI · Available

www.linkedin.com/in/priyanshsingh6747

SKILLS

TypeScript, Rust, Python, SQL, Docker, CI/CD

EXPERIENCE

Fullstack devloper · (DBA Autozy

Nov 2025 – Present

Remote · freelance

Developed and maintained full-stack web applications, working across frontend, backend, APIs, and cloud infrastructure. Built and improved media recording and processing workflows, including transcript generation, video/audio handling, waveform metadata, and upload reliability. Integrated AWS SDK services and improved file upload and processing reliability. Implemented authentication and session handling, improved login and application UX, and contributed to social media publishing integrations including Instagram Reels. Fixed production issues, improved error handling and logging, and delivered features focused on performance, reliability, and user experience.

EDUCATION

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY · B.Tech, Computer Sceince

Jul 2023 – Present

Noida , India

PROJECTS

Kiro — AI Task Orchestration & Scheduling Platform

kiro-rosy.vercel.app

Next.js 16 · React 19 · TypeScript · Tailwind CSS · Clerk · Groq API · React Flow · Framer Motion · Drizzle ORM · PostgreSQL · Server-Sent Events

Built a full-stack task orchestration and scheduling platform with AI-powered planning, dependency management, and a high-performance virtualized timeline. Implemented DAG-based task dependencies with cycle detection and cascading rescheduling, timezone-aware scheduling, optimistic UI with transactional rollbacks, and real-time AI interactions using SSE streaming. Also built habit and streak tracking, interactive dependency visualization, responsive mobile interfaces, and multi-agent workflows for automated project and task planning.

CareNest — AI-Powered Pregnancy Companion

github.com/Priyansh6747/CareNest_V2

React Native · Expo · Expo Router · FastAPI · Python · Pydantic · Firebase Firestore · Firebase Authentication · FAISS · Pinecone · Google Gemini · Groq · LLaMA 3.3 70B · Amazon Chronos-Bolt · AutoGluon

Built an AI-powered pregnancy companion mobile application with a personalized cognitive memory architecture. Developed a React Native mobile app and FastAPI backend featuring RAG-based conversational AI, hierarchical context retrieval, vector search, temporal symptom tracking, nutrition analysis, and AI-powered health insights. Implemented a Smart Retrieval System with FAISS-based vector stores, dynamic loading and semantic routing, along with Amazon Chronos-Bolt for nutrient trend forecasting. Integrated Gemini and Groq for AI inference, Firebase Authentication and Firestore for persistence, and document processing for medical reports.