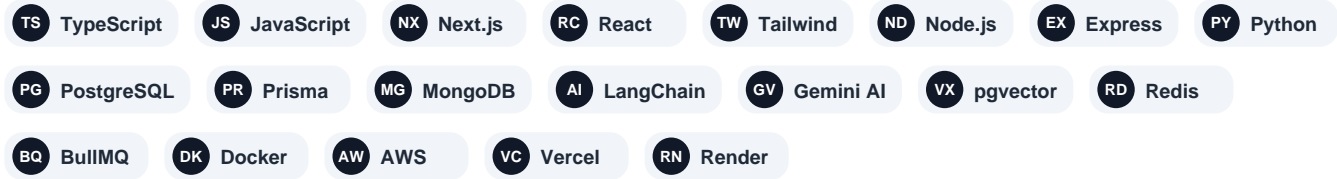


KARAN SAINI

Full-Stack AI Engineer | SaaS Product Builder | Backend Developer

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CORE STACK AI SaaS • full-stack • backend • cloud deployment



PRODUCT ENGINEERING PROFILE

Full-stack developer focused on AI SaaS products, backend systems, and production-ready web apps. Built interactive 3D codebase visualization, real-time collaboration tools, AI code-review workflows, payment-enabled invoicing, semantic search, queues, GitHub integrations, and cloud deployments across modern JavaScript/Python stacks.

SELECTED PRODUCT BUILDS

ETHER - Interactive 3D Codebase Universe

GitHub-powered visual explorer with 3D dependency graphs, AI navigation, and impact analysis

- Developing a WebGL universe that maps files as stars, dependencies as links, recent changes as supernovas, and risky files as red nodes, with AI navigation and deletion-impact questions.
Stack: React, Three.js/WebGL, Node.js, GitHub API, LangChain, graph analysis

DevMind AI - AI Code Review & Documentation Platform

Developer tool with semantic search, streaming AI reviews, GitHub automation, and background processing

- Built streaming code reviews, repository analysis, semantic search, GitHub webhook automation, queue-based processing, vector embeddings, OAuth, and structured engineering feedback.
Stack: React, Node.js, PostgreSQL, Prisma, LangChain, Gemini AI, pgvector, BullMQ, Redis, GitHub OAuth

D-Desk - Real-Time Collaborative Task Manager

Kanban-style productivity app with live updates, authenticated collaboration, and structured API architecture

- Developed Kanban boards, drag-and-drop workflows, WebSocket live updates, JWT authentication, database-backed persistence, and clean REST API boundaries for collaborative teams.
Stack: React, Node.js, PostgreSQL, Socket.io, Prisma, JWT, REST APIs

InvoiceFlow - Freelancer Invoicing & Proposal System

Business workflow app for invoices, payments, proposals, email delivery, and revenue visibility

- Built invoice and proposal workflows with PDF generation, email delivery, Stripe one-time payments, database-backed processing, and a revenue dashboard for freelancers.
Stack: React, Node.js, PostgreSQL, Prisma, Puppeteer, Stripe, Nodemailer

GhostCTO - AI Technical Co-Founder Platform

AI SaaS concept for non-technical founders, quote validation, roadmaps, developer specs, and CTO-style guidance

- Designed a founder-facing platform that turns vague startup ideas into technical roadmaps, developer-ready specifications, hiring briefs, quote validation, and practical risk flags.
Stack: Next.js, TypeScript, Node.js, PostgreSQL, Prisma, AI APIs, Vercel/Render

ENGINEERING STRENGTHS

- AI SaaS product architecture and implementation
- Backend API design, auth flows, database modeling
- Real-time systems using WebSockets and live state sync
- Payments, PDFs, email automation, and SaaS workflows
- Queues, Redis, vector search, semantic retrieval
- Deployment across Vercel, Render, AWS, Docker basics

Target Roles: Full-Stack Developer | AI Engineer | Backend Developer | Freelance SaaS/Product Engineer