

Monu

Full-Stack Engineer | React / Next.js / TypeScript | AI-Augmented Development

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Delhi, India • github.com/withhumanrevenge-cyber • portfolio-nine-mocha-az3ureq1s5.vercel.app

PROFESSIONAL SUMMARY

Full-stack engineer specialising in React, Next.js, and TypeScript — from database schema to Vercel deployment. Shipped production-grade apps independently, including a live-domain AI job platform (getjobagents.xyz) with Claude + Groq tool-agents and a two-sided recruiter-seeker product with pgvector semantic search. Comfortable across the whole stack: auth (Clerk / Supabase / OAuth), Postgres RLS, LLM orchestration on serverless, and 3D web (React Three Fiber). Effective in hybrid teams and quick to adopt whatever a project needs.

TECHNICAL SKILLS

Frontend: React 19, Next.js 16, TypeScript, JavaScript, Tailwind CSS, Framer Motion, GSAP, Three.js / React Three Fiber, HTML5, CSS3

Backend & Databases: Node.js, Express, FastAPI, Supabase (Postgres), MongoDB / Mongoose, PostgreSQL, MySQL, pgvector, REST APIs, GraphQL, Firebase

Auth & Payments: Clerk, Supabase Auth, Google OAuth 2.0, JWT, Row-Level Security (RLS), Razorpay, Lemon Squeezy, Resend (transactional email)

AI & LLM Agents: Anthropic Claude API, Groq (Llama 3.3), HuggingFace, LangChain, CrewAI, RAG pipelines, feature-hash embeddings, tool-using agents

DevOps & Tooling: Git, GitHub, Vercel (Cron, edge headers, custom domains), Docker, CI/CD, Agile workflows

AI Dev Tools: Claude Code, Cursor, Antigravity, OpenAI Codex — used daily to accelerate delivery.

EXPERIENCE

Application Developer Intern | Kaleidonex Technologies | Hybrid, India

Jul 2025 – Sep 2025

- Architected and delivered a Blood Bank Management System with 3 role-based modules (donors, recipients, admins) — taken from requirements to a working MVP within the 3-month internship.
- Integrated Firebase and MySQL for secure data persistence; engineered authentication flows covering session handling and data security across all 3 user roles.
- Developed responsive, real-time dashboards used daily across all roles; collaborated in a hybrid team of 4 to hit every delivery milestone. Applied production-standard REST API design, auth token management, and component architecture.

PROJECTS

JobAgent | getjobagents.xyz

Two-sided AI job platform — seekers get AI-matched jobs, tailored resumes, and mock interviews; recruiters get AI-ranked candidates from an opt-in talent pool.

- Built end-to-end on Next.js 16 (App Router, proxy.ts middleware), Supabase Postgres with strict RLS, Anthropic Claude for resume parsing / tailoring / interview generation, and Groq (Llama 3.3) for high-volume candidate scoring; multi-source job ingest (Adzuna / JSearch / Remote) via Vercel Cron.
- Solved production-scale AI orchestration: batched scoring with concurrency-bounded Promise.all + client-driven continuation loop to defeat Vercel serverless timeouts; per-invocation caps, wall-clock budgets, and daily role rotation for cron jobs.
- Monetised with Razorpay + Lemon Squeezy (geo-priced), transactional email via Resend on a verified custom domain, full SEO (OG images, sitemap, robots), fail-closed cron with Bearer auth, and an open-redirect-guarded login flow.

Stack: Next.js 16 · React 19 · TypeScript · Supabase · Anthropic Claude · Groq · Razorpay · Lemon Squeezy · Resend · Vercel Cron

PulseBoard | pulse-board-woad.vercel.app

Real-time GitHub analytics + AI talent search — a live portfolio for developers and a candidate-discovery tool for recruiters.

- Built **PulseAI**, a tool-using Groq agent (Llama 3.3) with search_developers (vector store) + analyze_developer (live GitHub via Octokit) tools; ships as a floating spatial-glass chat panel.
- Implemented pgvector semantic talent search over lexical feature-hash embeddings (256-d, L2-normalised) via a Supabase RPC with an in-memory cosine fallback — zero external embeddings key required.
- Full-stack: Clerk GitHub OAuth, Supabase RLS, natural-language recruiter search (“top 10 TypeScript devs on GitHub”), public /api/v1/pulse/[username] + SVG badge, dark mode + prefers-reduced-motion. 50+ organic sign-ups at college launch.

Stack: Next.js 16 · TypeScript · Supabase (pgvector) · Clerk · Groq · Octokit · Tailwind v4 · Framer Motion

Portfolio — 3D Story-World | portfolio-nine-mocha-az3ureq1s5.vercel.app

Personal portfolio rebuilt as a scroll-driven 3D space journey with a classic 2D fallback for no-WebGL / prefers-reduced-motion.

- Full React Three Fiber chapter system (Arrival → Spark → Forge → project stations → Philosophy → Beacon), with a distance-fading HTML overlay engine and viewport-clamped panel scaling.
- Server-component GitHub fetch (Octokit, ISR revalidate 3600) hydrates project stations from live repos on every deploy — no manual updates required.

Stack: Next.js 16 · React 19 · Tailwind v4 · Three.js · React Three Fiber · drei · Framer Motion

CERTIFICATIONS

AI Fluency: Framework & Foundations | Anthropic Education

May 2026

Introduction to Model Context Protocol | Anthropic Education

May 2026

Model Context Protocol: Advanced Topics | Anthropic Education

May 2026

EDUCATION

Bachelor of Technology, Computer Science | NIMS University, Rajasthan

2022 – 2026