

VINAYAK JAIN

Full-Stack Developer · Startup Builder · Creator

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BCA student who builds and ships full-stack products end-to-end. Delivered a production governance dashboard for an international client, built an AI SaaS codebase from scratch as sole engineer, and am currently developing Marketnera — a hyperlocal commerce platform for Tier 2/3 India. I take projects from schema design to deployment, solo.

EXPERIENCE

Founder · Marketnera · Vicinix 2026 – Present

Hyperlocal commerce platform for Tier 2/3 India — MVP in development, no users yet

- ▶ Designed data model from scratch: PostGIS geolocation queries to surface nearby shops, per-shop inventory tables, and order state machine (placed → confirmed → delivered)
- ▶ Built shopkeeper dashboard (inventory management, order tracking, revenue charts) and customer-facing discovery + cart flow — both mobile-first in Next.js 14
- ▶ Integrated Razorpay for payments; enforced per-vendor data isolation via Supabase RLS policies
- ▶ Produced investor pitch deck, 3-year business plan, and investment proposal for ideathon/funding outreach

Freelance Developer · Vicinix 2025 – Present

Full-stack web development — client projects handled end-to-end, solo

- ▶ Sole developer on Symax Governance Dashboard (delivered 2026) — replaced a 12-sheet Excel workbook with a Supabase-backed system covering 13 compliance data sheets across UAE, UK, and EU entities
- ▶ Wrote Postgres triggers for field-level audit logging on every mutation; implemented soft deletes to preserve full history without data loss
- ▶ Built RBAC from scratch: Super Admin (full write), Admin (entity-scoped write), Viewer (read-only) — enforced at both API middleware and RLS level
- ▶ Managed full project lifecycle independently: requirements gathering, development, pre-handoff security audit, invoicing, and client handover

Founding Engineer (CTO role) · Outfevibe · AI Fashion SaaS 2026

Sole engineer on initial build — AI-powered outfit scoring and styling SaaS for the Indian market

- ▶ Built the entire codebase from zero: Next.js frontend, Supabase backend, and a persona engine mapping user style preferences to outfit recommendations
- ▶ Implemented user onboarding, outfit upload + scoring interface, and recommendation feed — all features spec'd and built solo
- ▶ Handed off a working, documented codebase on departure — no longer with the company

Member · Vidya University Innovation Centre (VIC) 2025 – Present

- ▶ Anchored and emceed college-level tech events; produced content for VIC Podcast (Radio FM 88.8)

PROJECTS

Symax Governance Dashboard · Client Project · Delivered · Vicinix 2026

- ▶ Replaced a 12-sheet Excel governance workbook with a full-stack web system — Next.js 14, Supabase, Recharts — covering filing status, document control, approval workflows, and due-date tracking across 3 jurisdictions

- ▶ Problem solved: client was tracking multi-entity compliance manually in Excel with no audit trail or access control

Marketnera · Startup · MVP in Development

2026 – Present

- ▶ Hyperlocal marketplace for Tier 2/3 India — lets shopkeepers list inventory and get discovered by nearby customers via PostGIS radius queries
- ▶ Problem being solved: local shops have no digital presence; large e-commerce platforms don't serve small towns

Presence Guard · Open Source · github.com/VinayakJain-codes

2026

- ▶ ~1,572-line Python webcam monitoring tool using only OpenCV, NumPy, and Plyer — no heavy ML frameworks
- ▶ Detects drowsiness (PERCLOS eye-closure ratio), gaze direction, posture angle, unknown-face intrusion, and estimates heart rate via rPPG from raw webcam frames
- ▶ Designed to run on low-spec hardware; ships as a single self-contained script with custom visual FX overlay engine

SKILLS

Languages TypeScript · JavaScript · Python · SQL

Frontend Next.js 14 · React · Tailwind CSS · Framer Motion · Recharts · Three.js

Backend / DB Supabase (Auth, RLS policies, Realtime, Edge Functions) · PostgreSQL · PostGIS · REST APIs

Tools Git · GitHub · Vercel · Razorpay · OpenCV · ppxgenjs

Other Video Editing · Content Creation · Event Anchoring / Emceeing

EDUCATION

Bachelor of Computer Applications (BCA) · Vidya University, Meerut, UP

2025 – Present

- ▶ Active member of Vidya University Innovation Centre (VIC)
- ▶ Runs Vicinix (freelance dev brand) and Marketnera (startup) alongside studies