

ROHAN THAKUR

AI Engineer • Founder's Office • Business Systems & Analytics

Delhi NCR, India | +91 98713 76963 | contact@rohanthakur.in
portfolio.rohanthakur.in | linkedin.com/in/rohanthakur05 | github.com/rohancooks

SUMMARY

AI engineer in the Founder's Office of a multi-city student-housing operator, EzStays. Turns the company's slowest manual processes into production software, end to end: **spec, architecture, build, testing, rollout and training**. Works directly with the CEO on marketing, growth, ops and IPO/DRHP readiness, so every build is tied to a business number.

EXPERIENCE

Founder's Office Associate Sep 2025 — Present
Next2Door Living Limited

SYSTEMS & AI AUTOMATION

- **Cut the monthly P&L close from days to ~10 minutes** by replacing a hand-built 40-sheet Excel MIS with a web app: three templated uploads (finance, ops, HR) feed a rule-based cost-allocation engine (direct, per-student, equal-split, head-office) across **40 hostels in 3 cities**, outputting a drill-down P&L and a formula-linked Excel workbook. Months can't close with checks failing; closed months are frozen and audited; **126 automated tests**. Next.js, TypeScript, Postgres
- **Shipped a staff attendance & daily-work app, live in production:** selfie + GPS check-in/out, self-serve monthly salary view, and manager/HR dashboards. Permissions enforced in three layers (API, service, database triggers); private photo storage behind signed URLs; retry-safe writes for patchy mobile networks. Next.js, Supabase, Playwright
- **Eliminated manual typing of handwritten fee receipts** with a vision-LLM pipeline that reads mixed Hindi/English handwriting into a strict schema, auto-rotates the 93% of photos that arrive sideways, and self-checks arithmetic, amount-in-words, UPI refs, roster matches and duplicates, flagging only rows that need a human. Shipped to staff as a one-click .exe via CI. Python, Gemini
- Built a **lead-management system** from enquiry to booking, giving sales a single pipeline.

OPERATIONS & MARKETING

- Handle **on-ground hostel operations** and take part in **property audits** across the hostels.
- **Rolled out the apps in person:** visited hostels to train wardens and on-ground staff on the new tools.
- Run the company's **Meta Business Suite** (Facebook & Instagram pages, content and ads) and **design creatives** for social media and marketing campaigns.
- Drive search growth across **SEO, GEO and GA4**; own forecasting and KPI monitoring.

STRATEGY & FINANCE

- Built **live revenue, occupancy and seat-utilisation dashboards** (Power BI, Next.js, Apps Script); manual reporting **-35%**.
- Support **IPO readiness** with DRHP preparation, financial modelling, investor communication and pitch decks.

Data Analyst Intern Jun 2024 — Aug 2024
BSES Yamuna Power Limited • Delhi

- Queried, cleaned and analysed **50,000+ record** operational datasets with SQL, Python and Excel, turning raw system exports into decision-ready reports for senior stakeholders.
- Designed **interactive KPI dashboards** that gave senior stakeholders real-time tracking of key metrics in one view.
- **Automated recurring reports**, cutting manual reporting time **~40%** and improving overall reporting efficiency **~30%**.

PROJECTS & RESEARCH

UAV-Based Smart Farming: Deep Learning for Wheat Disease Management IEEE STCR 2025

- Deep-learning pipeline that spots wheat disease early from drone imagery; **peer-reviewed IEEE conference paper**. TensorFlow

AI Chief of Staff Open source • 2026

- Zero-dependency kanban + automated morning brief (overdue, stalled >5 days, unanswered >3 days) + meeting note-taker that reads Google Meet captions and files action items, all driven by plain-language chat through Claude Code. Node.js, Claude Code

SKILLS

AI & Automation: Claude Code, Claude API, MCP, AI agents, vision LLMs (Gemini), structured extraction, prompt engineering
Engineering: TypeScript, Next.js, React, Node.js, Python, PostgreSQL, Supabase, Drizzle, Vitest, Playwright, Vercel, GitHub Actions
Data & Growth: SQL, Power BI, Excel, Tableau, Pandas, financial modelling, P&L / MIS, SEO / GEO, GA4, Meta Ads, Canva, Figma

CERTIFICATIONS & ACHIEVEMENTS

- **Claude Certified Associate**, Anthropic
- **Oracle Certified Generative AI Professional** (Oct 2025)
- McKinsey.org Forward • Deloitte Data Analytics (2025)
- HackerRank 5-Star SQL

EDUCATION

B.Tech, Electronics & Communication 2021 — 2025
Delhi Technological University (formerly DCE) • CGPA 7.29
CBSE Class XII 2021
Bharatiya Vidya Bhavan's Mehta Vidyalaya • 81.2%