

# PAWAN PATIDAR

Full-Stack & Mobile Developer — React/Next.js · Flutter · Python · PostgreSQL · AI/LLM

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## SUMMARY

Full-stack developer and technical co-founder who designed, built, and shipped a **production AI SaaS end-to-end**. Fluent across the stack — **React 19 / Next.js 16 (App Router)** on the front end; **Node.js, Prisma and PostgreSQL** on the back end; serverless deployment on Vercel; and deep **LLM integration (OpenAI + Anthropic)**. Shipped a **~250,000-line TypeScript codebase with 347 API endpoints, 91 data models and 130 automated tests**. Also ships **cross-platform mobile apps in Flutter** (Firebase, on-device Gemini AI) and automated workflows in Python across a 7-year industry career — **20+ projects spanning web, mobile, AI/LLM and data**. Strong on performance, testing and pragmatic delivery.

## TECHNICAL SKILLS

**Languages:** TypeScript, JavaScript, Python, SQL, HTML/CSS

**Frontend:** React 19, Next.js 16 (App Router / RSC), Tailwind CSS, Radix UI, TanStack Query & Virtual, Framer Motion, dnd-kit

**Mobile:** Flutter / Dart — cross-platform (Android, iOS, web); Firebase (Auth, Firestore, Storage); on-device Gemini AI

**Backend:** Node.js, Next.js API routes, Flask, Prisma ORM, PostgreSQL, Supabase, Upstash Redis, Zod validation, REST APIs, webhooks (Svix)

**AI / LLM:** OpenAI API, Anthropic SDK, prompt engineering, structured (Zod) outputs, AI document generation & parsing, AI chatbots

**Auth & Payments:** Clerk (authentication), Razorpay / UPI billing

**Cloud & DevOps:** Docker, CI/CD, AWS, Vercel (serverless functions, Blob storage), Git, Agile/Scrum, Sentry, Datadog, Playwright, Vitest, Lighthouse / RUM performance tooling

**Core:** Data structures & algorithms, REST API design, system design, responsive UI, unit/integration testing, performance optimisation, code review

**Integrations:** Gmail / Microsoft Graph, Google APIs, Unipile (LinkedIn / email), Apify, PDF / DOCX pipelines (mammoth, jsPDF, html-to-docx)

## EXPERIENCE

### Co-Founder & CTO — HuntForTomorrow (Debattles Enterprises LLP)

2023 – Present

*Remote, India — B2C AI job-search SaaS*

- Architected and shipped the **full production platform** as CTO (leading a small team) — a **~250,000-line TypeScript codebase** spanning **289 React components, 347 API endpoints, 769 service modules and a 91-model PostgreSQL schema (Prisma)**.
- Built **AI features end-to-end** — job-matching, automated CV generation with ATS scoring, and résumé parsing — using **OpenAI + Anthropic LLMs** with structured Zod outputs.
- Implemented **multi-channel outreach automation** (LinkedIn / email / WhatsApp) via Unipile and Gmail / Microsoft Graph, with **webhook-driven (Svix) event processing and Upstash Redis rate-limiting**.
- Integrated **Clerk authentication and Razorpay / UPI billing**; deployed serverless on **Vercel (Blob storage, functions)** with Sentry + Datadog observability.
- Drove **performance & quality** — Lighthouse / RUM performance budgets, bundle analysis, and **130 automated tests (Vitest + Playwright)**; grew to **216+ registered users (85% onboarded) in ~4 months**.

### Python Automation & Operations — Hindustan Petroleum Corporation Limited (HPCL) 2017 – 2024

*Maharatna Fortune 500 enterprise — Marketing, Sales/Channel & Plant Operations*

- Built **Python automation** for route optimisation, sales / stock MIS reporting and an **AI chatbot**, cutting manual effort across field operations.
- Delivered a 7-year operations career (customer service, channel & plant operations) with strong KPI, cost and digital-adoption results — **full operations CV available on request**.

## SELECTED PROJECTS

- **algo-trading-terminal** — full-stack options/F&O trading platform (Flask + React; live engine, backtesting, ML signals). [github.com/p1-patidar/algo-trading-terminal](https://github.com/p1-patidar/algo-trading-terminal)
- **ai-job-os** — AI job-search SaaS: resume tailoring, outreach automation, interview prep (Next.js, Prisma, OpenAI). [github.com/p1-patidar/ai-job-os](https://github.com/p1-patidar/ai-job-os)

- **UjjainHomes** — property-rental & broker marketplace (Next.js, Supabase, Tailwind). [github.com/p1-patidar/UjjainHomes](https://github.com/p1-patidar/UjjainHomes)
- **content-operating-system** — cross-platform content-creator pipeline app (Flutter + Firebase + Gemini AI: script & thumbnail generation). [github.com/p1-patidar/content-operating-system](https://github.com/p1-patidar/content-operating-system)
- **petrol-pump-management** — fuel-station management mobile app (Flutter + Firebase + SQLite/Drift). [github.com/p1-patidar/petrol-pump-management](https://github.com/p1-patidar/petrol-pump-management)
- **fuel-sales-stock-dashboard** — daily sales & stock reporting with low-stock alerts (Flask, pandas). [github.com/p1-patidar/fuel-sales-stock-dashboard](https://github.com/p1-patidar/fuel-sales-stock-dashboard)

## EDUCATION

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**B.E., Electronics & Instrumentation — SGSITS, Indore (RGPV University)**

2016

GATE 2016 — All-India Rank 347 • CGPA 7.25 / 10

## LINKS & CHANNELS

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Product: HuntForTomorrow (AI job-search SaaS) • Creator: 7,000+ YouTube subscribers & 4,500+ Instagram followers (built custom automation / AI-chatbot tooling).