Aditya Nandan

Full-Stack Software Engineer | SDE / FDE

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Summary

Full-stack engineer who builds and runs production software end to end, from shop-floor requirements to schema, APIs, UI, mobile and release. Sole engineer behind 6 production applications used daily by 150+ people across two plants, with 1 app live on the App Store.

Why Hire Me

- **Ships end to end, alone:** requirements → data model → Postgres RPCs → UI → iOS/Android → release.
- **Outcomes:** 97% fewer stock mismatches, 0 challan errors since go-live, order → challan ≤30 min.
- **Data discipline:** transactional RPCs, 280+ idempotent migrations, audit trails, row-level security.
- **Business-minded:** works directly with operations, sales and accounts; builds for low-literacy floor staff.

Technical Skills

Languages: TypeScript, JavaScript, SQL, PL/pgSQL, HTML5, CSS3, SCSS, Liquid
Frontend: React 19, Redux, TanStack Start, Next.js 14, Vite, Tailwind CSS, Formik, Figma, Jest
Backend & data: PostgreSQL, Supabase, RPCs & triggers, RLS, REST APIs, JWT, Node.js, Express.js, MongoDB
Edge & infra: Cloudflare Workers, Vercel, Netlify, Heroku, Bun, Git & GitHub
Mobile: Capacitor (iOS + Android), React Native, App Store release
Commerce: Shopify & Shopify Plus (OS 2.0), Liquid, metafields, payment gateways, Shopify CLI, GTM, SEO
Documents & devices: jsPDF, html2canvas, ExcelJS, ZXing QR/barcode, TSPL label printing, OCR (Claude API)

Professional Experience

Web Developer | Good Omen Ventures, Noida Dec 2024 – Present

Full-time | Sole engineer, leads all software development

- Own every system for a two-plant (Delhi + Noida) textile business: wholesale fabric, retail couture production and two online storefronts.
- **Scale:** 150+ daily users, ~300 orders/month, 6 production applications, 1 App Store app, 280+ migrations.

Founder | Aditeraction Sep 2019 – Present

Passion project | now operated by an independent team

- Ownership only, no operational role; my personal builds (Swatch Scanner, Encrypted QR) are published here.

Projects

ERP / Operations Platform Jun 2026 – Present

Live | login required — link on request | React 19, TanStack Start, PostgreSQL, Supabase, Cloudflare Workers

- End-to-end ERP used daily by 150+ people: stock inward, order punch, approvals, cutting, inter-plant shipping, delivery challans and retail production.
- **97% fewer stock mismatches:** holds reserved at order punch, exactly-once trigger deductions at cutting, non-negative constraints, auto-release on cancel.
- **Order punch → delivery challan in ≤30 min** (~1 hour cross-plant), replacing manual stock and bundle checks.
- **0 challan errors since go-live:** scan-to-challan, gap-free DC numbering, accountant verification gate before goods move.
- Reconciled ~1,790 m of fabric onto the books after silent import failures; prevented ~96.5 m of double deductions on 13 legacy cuts.
- Moved approvals to transactional, idempotent Postgres RPCs with server-side permissions; 0 duplicate serials across 1,700+ retail items.
- Replaced paper registers with a live production line: QR job cards, scan stations and 27 role-scoped workflows built for low-literacy users.

Brixon — Private B2B Catalogue (web + iOS) Jul – Sep 2026

app.brixonitaly.com | App Store | React, Capacitor, Supabase, Cloudflare Workers

- 250+ active buyers, 180+ in-app orders/month; sole engineer and designer, from product to App Store.
- Live ERP stock per bundle and cut length replaced phone/WhatsApp updates: 0 manual updates, 24/7 self-serve.
- 1-click proforma PDFs, HMAC-signed back-in-stock webhooks, admin panel with route-level auth on RLS.
- One React codebase for web + iOS via Capacitor, backed by 3 Cloudflare Workers (admin, notify, PDF).

AB Measure — Bespoke Measurement System Aug – Oct 2026

Shipped | in daily use | link on request | React 19, Supabase, PostgreSQL, Capacitor

- 250+ records per month; 1,000+ legacy paper-register entries digitised, with the paper serial kept searchable.
- 73 structured fields across 24 garment types, plus 5 mandatory photo plates and voice notes per record.
- Append-only, trigger-versioned records (0 overwrites); EAV model, so new garments need no migration.
- Shares the ERP database, so job cards print the client's latest measurements with zero re-copying.

Commerce Storefronts (Shopify) Dec 2024 – Present

achinbindlish.com | abnbeyond.com | Shopify OS 2.0, Liquid, Shopify CLI, GTM

- Two Liquid storefronts with 0 third-party apps: a made-to-measure couture flagship and a ready-to-wear line.
- Tag-driven price-on-request on 116 products; 19 made-to-measure fields at checkout as line-item properties.
- One theme architecture re-skinned for the second brand; CLI preview → push with instant rollback.

Swatch Scanner Jul – Aug 2026

Aditeraction | swatch-scanner.achinbindlish.workers.dev | React 19, Claude API, Cloudflare Workers

- Photograph a sample; OCR reads its article number and files the image against it. 1,000+ swatches catalogued.
- Confident reads save instantly; uncertain ones open pre-filled for manual entry; re-scans replace, never duplicate.

Encrypted QR Sep – Oct 2025

Aditeraction | encrypt-decryptqr.vercel.app | Next.js 14, TypeScript, Formik, ZXing, Jest

- Fork of kangabru/encrypt-qr-codes (MIT), credited; encryption logic is the original author's. My scope: full UI redesign and UX into guided encrypt → share → decrypt steps.

Education

B.Tech, Computer Science and Engineering 2020 – 2024

Maharishi University of Information Technology | CGPA 8.4 / 10

Internships

Full Stack Developer (MERN) | Pantech.AI May – Aug 2024

Remote | Internship

- Built and shipped full-stack web apps on MongoDB, Express.js, React and Node.js in a cross-functional team.

Frontend Web Developer | InnoByte Services Jun – Jul 2024

Remote | Internship

- Built responsive interfaces and reusable components for client websites, integrated with backend services.

Full Stack Developer | IEEE Bombay Section Dec 2022 – Feb 2023

Remote | Internship

- Developed full-stack websites in a team, covering front-end pages and server-side functionality.