

DEVANSHU SINGHAI

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TECHNICAL SKILLS

Languages:	Python, JavaScript, TypeScript, SQL
Backend:	Django REST Framework, Next.js, Node.js, Express, Flask, FastAPI
Frontend:	React, Next.js, Vite, Tailwind CSS, Ant Design, TanStack Query, Zustand
Databases:	PostgreSQL, MySQL, MongoDB, Pinecone, FAISS
Cloud & DevOps:	AWS (EC2, RDS, S3, ECR), Docker, Nginx, Gunicorn, GitHub Actions, n8n
AI & Automation:	Claude Code, OpenAI/Gemini APIs, LangChain, Whisper, Playwright, Google Ads/GA4/GSC APIs

PROFESSIONAL EXPERIENCE

Founder, LawyerFlow

Jan 2026 – Present

Case-management SaaS for law firms · lawyerflow.in, web app and Google Play · 4 law firms, 850+ cases

- Designed and built a multi-tenant RBAC platform from scratch (Django REST Framework, PostgreSQL) where each law firm manages clients, cases, documents, and tasks in complete isolation from other tenants
- Implemented JWT authentication with automatic token refresh (SimpleJWT, Axios interceptor) that extends sessions silently without interrupting the user
- Built server-side pagination, search, filtering, and ordering across all list endpoints, with separate list, detail, create, and nested serializers to keep API payloads lean
- Shipped the Android app (Expo/React Native) on Google Play; personally onboarded 2 of the 4 live firms

Technologies: Django REST Framework, PostgreSQL, React 18, Vite, Ant Design, React Query, Zustand, Nginx, Expo

Founder's Office

Jan 2023 – Present

BeyondChats

New Delhi, India (Remote)

- Benchmarked the product against Intercom and Twilio through a competitive analysis that shaped the roadmap, and served as point of contact for high-value clients on feature requests and delivery timelines
- Owned SEO for a flagship healthcare client end to end over 6 months (content restructuring, FAQ schema, keyword research), lifting average ranking from position 43 to 8 and CTR from 0.9% to 1.2%
- Managed the Google Ads account for a fertility-clinic client, designing high-intent campaigns that routed patients into the AI chatbot to capture qualified consultation leads
- Built and operate a self-hosted n8n analytics platform delivering automated weekly GA4 and Search Console reports for 9 client properties across a 153-node multi-tenant pipeline
- Diagnosed a live Google Ads budget-starvation issue (CPC tripled from ₹26 to ₹70 on 90% impression loss) and reallocated spend using write-level Google Ads API access, recovering the account
- Designed a config-driven proposal-generation pipeline (Python, docx) used to author 10+ client and prospect proposals, including a healthcare template citing 11x conversation volume and 83% auto-resolution
- Built an end-to-end hospital lead-generation pipeline (SerpApi discovery, chatbot-presence detection, contact scraping, deduplication) across 6+ Indian cities, converting the enriched, audited lead sheets into 5-6 paying clients

Technologies: n8n, Python, Google Ads API, GA4, Google Search Console API, Microsoft Clarity, GPT-4o, SerpApi

Lead Developer

Sep 2025 – Present

LegalPapers

Remote

- Led a team of 4 developers building the LegalPapers website end to end, owning technical direction across backend, frontend, and CMS, including cron jobs, image transfer, and the getLawyerProfile/getProductDetails REST APIs
- Built a semantic case-citation AI feature (Pinecone, sentence-transformers) that surfaces the most relevant Supreme Court precedents for a query, integrated with a ChatGPT-wrapped React/Flask app on a Hostinger VPS

- Shipped an ads-ready landing page for an ITR filing product with honeypot spam protection, GA4 event tracking, and UTM/gclid capture on lead forms, then migrated tracking to Google Tag Manager

Technologies: Next.js, React, Flask, Node.js, Pinecone, sentence-transformers, Strapi, MySQL, Google Tag Manager

PROJECTS

Ekam Aarogyam Portal

2026 – Present

Full-Stack Developer, BeyondChats Rep · NGO healthcare CRM, live at portal.ekamfoundationmumbai.org

- Built a case-management CRM for an NGO's pediatric healthcare funding program, replacing spreadsheet and WhatsApp tracking with a 19-stage server-guarded state machine from intake to donor disbursement
- Implemented DPDP Act-aligned data protection (consent gating, automatic PII redaction, append-only audit logging, TOTP-enforced login) and deployed to AWS (EC2, RDS, S3, ECR), now running real cases in production

Technologies: Next.js 15, React 19, TypeScript, PostgreSQL, Prisma, Better Auth, AWS

Stephens CRM

Apr 2026 – Present

Full-Stack Developer, BeyondChats Rep · school CRM, live at crm.stephenhighschoolfordeaf.com

- Built a full-stack, role-based CRM (React/TypeScript, Node/Express, PostgreSQL) replacing paper intake forms and scattered spreadsheets across 24 backend modules and 72 additive schema migrations
- Implemented server-authoritative RBAC across 6 roles with JWT auth and an append-only audit log, and a mobile-first PWA with a staged feature-reveal system for incremental, non-technical staff rollout

Technologies: React, TypeScript, Node.js, Express, PostgreSQL, JWT, PWA

AlgoEdge / TradeBuddy

May 2026 – Present

Independent R&D · Local-first quantitative research platform, NSE equities & options

- Built a local-first research platform, integrated read-only with Zerodha Kite Connect, that hands a trader evidence-based advice cards (pre-registered entry, exit rule, max loss), never placing orders itself; a falsification-first testing methodology (control groups, point-in-time backtesting) caught a lookahead-bias bug that had inflated a measured Sharpe ratio to 0.85, corrected to 0.22 once fixed

Technologies: Python, pandas, FinBERT, Kite Connect API, NiceGUI

AI Video Editing Pipeline

2026

Personal · Local, fully automated podcast-to-shorts video pipeline

- Built a 16-stage, fully local AI video-editing pipeline (zero cloud cost) that turns raw footage or narration into a finished, color-graded video with captions, overlays, and music, running on a 6GB VRAM GPU, with DaVinci Resolve and Remotion as pluggable compositing backends
- Shipped a long-recording-to-shorts mode (automatic moment detection, silence removal, per-clip re-editing) validated end-to-end on a podcast recording, auto-cutting it into 4 short-form reels with captions, overlays, and color grading
- Built three Claude Code skills (editor, upsc-shorts, tech-shorts) on top of the pipeline that turn raw footage or a topic into a fully edited, caption-synced short, used across 10+ videos

Technologies: Python, ffmpeg, DaVinci Resolve API, Remotion, Whisper, CLIP, Claude Code

EDUCATION

Bachelor of Technology, Information Technology and Mathematical Innovation

2023 – 2027 (Expected)

Cluster Innovation Centre, University of Delhi · CGPA: 8.353 / 10

LEADERSHIP & ACTIVITIES

- Lead Developer, CONVOKE 8.0 (CIC's annual techfest): designed and built the official website, convoke.in, design through deployment (React, Vite, Vercel), and organized the flagship 24-hour hackathon
- Organizing Committee, Autonomi Robotics Society (CIC, DU); designed the official college brochure distributed to incoming students and faculty; First Runner-up, Offline Hackathon (NSUT)