

Jatin Rai

CEO & Technology Leader | Cloud, AI, Web & Mobile Applications, Data Analytics

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I build technology businesses from the ground up, as the engineer who builds the system and the person accountable for the business it serves.

EXPERIENCE

CobaltTree Technologies | Founder & CEO

Sep 2026 - Present

- Founded a technology services company delivering **cloud infrastructure, AI solutions, web and mobile applications, and data analytics**, built on dependable technology, strong foundations, and lasting progress.
- Run **day-to-day operations, client relationships, and business development**, while setting the company's technical direction and the standards client work is held to.
- Lead engagements from the first conversation through scoping, architecture, delivery, and ongoing support, designing each around the client's goals with security built in from the start.

SkyLinode | CTO

Aug 2025 - Aug 2026

- Led delivery of client projects across **web applications, cloud migrations, and AI integrations**, owning scoping, architecture, build, deployment, and handover.
- Built AI-assisted coding, testing, and documentation into the development process, cutting typical project delivery from **8 weeks to 4** without lowering quality.
- Led the engineering team, assigning work across projects, reviewing code and design, and mentoring developers; managed client stakeholders on scope, timelines, and progress.

Herbmudita | CTO

Nov 2024 - Apr 2026

- Led technology for a bootstrapped direct-to-consumer Ayurvedic supplements brand from launch through to its exit, reaching **INR 50 lakh in first-year revenue** without outside funding.
- Designed and built a **custom shopping portal**: storefront, checkout and payments, order management, and shipping and fulfilment integrations.
- Built **AI-driven customer profiling** from orders and portal activity, personalizing product recommendations and marketing.
- Ran business operations, from inventory and fulfilment to reporting, and managed the team behind them.

OPEN SOURCE

qbittorrent-adwaita (TypeScript, Svelte 5): A drop-in alternative Web UI for qBittorrent 5.2 in the style of GNOME's libadwaita, with virtualized lists for thousands of torrents, incremental polling, and WCAG AA contrast in light and dark themes. Tested with **860+ Vitest tests**, plus Playwright end-to-end tests and axe accessibility scans against qBittorrent in Docker; released through GitHub Actions.

Premiere (CSS, JavaScript): A drop-in theme for the Jellyfin 12.1 media server, restyling the whole web client and admin dashboard without a fork, installed with one line of CSS. About 75 zero-dependency modules, live redraws from server messages, and a randomized out-of-order **chaos test** checked against the server's API.

eroll (Python): Turns image-only electoral roll PDFs into searchable data: Playwright automation, an **OpenCV CAPTCHA reader** that learns from accepted answers, **Tesseract OCR** of detected voter boxes, self-validation against each part's printed totals, and fuzzy name search.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, CSS. **Web**: Svelte, custom e-commerce, REST APIs.

AI & data: LangChain, LangGraph, AI integration, customer profiling, data analytics, OpenCV, Tesseract OCR.

Testing & delivery: Playwright, Vitest, pytest, Docker, GitHub Actions, cloud migrations.

EDUCATION

Graphic Era (Deemed to be University), Dehradun

Sep 2021 - Apr 2025

B.Tech., Computer Science & Engineering | CGPA 8.6/10