Ekamjot Singh

Full-Stack Software Engineer

Healthcare SaaS - FastAPI, React, TypeScript, PostgreSQL, AWS - privacy-first, Canada-hosted

Coquitlam, BC (Remote, Canada)
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SUMMARY

Full-stack engineer who builds healthcare SaaS end to end. Built and runs Nimbli, a multi-tenant clinic platform (FastAPI, React 19, PostgreSQL, AWS in Canada), plus two client health platforms. Ships with thousands of tests and safe migrations, designs for PIPEDA and PHIPA, and directs AI coding agents.

SKILLS

Languages: TypeScript, JavaScript, Python, SQL, PHP, HTML, CSS
Front end: React 19, Vue 3, Next.js, Astro, Vite, Tailwind CSS, MUI, Vitest, zod
Back end and data: FastAPI, SQLAlchemy, GraphQL, tRPC, Node.js, PostgreSQL (row-level security), Redis, pytest
Cloud and DevOps: AWS (ECS Fargate, RDS, Cognito, KMS, CDK, S3), Docker, GitLab CI, Vercel, Cloudflare
Integrations: Stripe Connect, Daily.co video, Google and Outlook calendar sync, Keycloak, OAuth DPoP, DICOM
Practices: Multi-tenant SaaS, automated testing, safe migrations, WCAG AA, PIPEDA and PHIPA, Figma

EXPERIENCE

Blue Ocean Ventures Inc. (bov.ai)

Metro Vancouver, BC (remote)

Lead Developer Feb 2025 - Present
Developer May 2023 - Feb 2025

- Built Nimbli (nimbli.ca), a multi-tenant clinic SaaS on FastAPI, GraphQL, PostgreSQL, React 19 and AWS, with about 55 tables for booking, telehealth, charting and billing, live in production.
- Enforced tenant isolation with Postgres row-level security, proven by a 13-case cross-tenant test suite that found and closed an existing cross-tenant write leak.
- Stopped duplicate insurer billing with a Postgres advisory-lock scheduler leader and a unique partial index, after reproducing the race in a three-thread test.
- Built a CBT-I sleep-therapy platform on Next.js, RDS PostgreSQL and ECS Fargate via AWS CDK in Canada, and the Vue 3 frontend of an FDA-path radiology tool.
- Moved a counselling clinic's website from WordPress to Astro on Cloudflare, building 527 of 533 pages and moving 912 uploads with 0 failures.
- Designed and built landing pages that lifted conversion rate from 4.8% to 7.2%, and built design systems for 4 brands.

MNJ Software

Web Designer Jun 2025 - Dec 2025
Web Developer Dec 2021 - Jun 2022

- Contributed to 15 client projects, turning product specs into production user interfaces.

Analysed.in

Full-Stack Developer Mar 2021 - Jul 2021

- Built and redesigned interactive websites with JavaScript frameworks, improving team delivery efficiency by 25%.

EDUCATION

Postgraduate Program, Web Development - Conestoga College, Ontario — Sep 2022 - Dec 2023
Bachelor of Computer Applications (BCA), IT - Rayat Bahra Group of Institutes — 2019 - 2022

CERTIFICATIONS

React (front-end); Google UX Design certificates