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📍 Vancouver, Canada

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🏆 INTERESTS

Hiking

Running

Biking

Blockchain

Badminton

🔧 TECHNICAL SKILLS

AI

OpenAI, Vercel AI SDK, Prompt Engineering, Tool Calling, Retrieval, Batch/Async Pipelines

Languages

TypeScript, JavaScript, Java, Python, SQL, R, MATLAB, (some) Lisp

Frameworks

React, Next.js, Astro, React Native, Jotai, React Query, TipTap, NestJS, Spring Boot, FastAPI, Django, Puppeteer

DB

MySQL, PostgreSQL, SQLite, Supabase

Cloud & DevOps

AWS, GCP, Docker, Nginx, CI/CD

🧪 PROJECTS

Erxr (11/2025 - Present)

- **Exploratory build** currently in motion - details coming soon.

Ansh Dubey

Software Engineer

Creative full-stack engineer shipping extremely reliable, efficient, and scalable products. Currently building systems at RenovationFind.com.

🎓 EDUCATION

● B.S. Computing Science: Software Practice

University of Alberta

09/2017 - 12/2023

Highlights

- Honors coursework in data structures, algorithms, operating systems, databases, and modern web development.
- Active in multiple **hackathons**, a university **research lab**, and was a member of the University of Alberta's badminton club.

🏢 WORK EXPERIENCE

● Founding Software Engineer

RenovationFind Inc.

01/2024 - Present

Vancouver, BC (Remote)

Home-renovation marketplace connecting homeowners with vetted contractors.

Achievements/Tasks

- Operated as sole engineer across the stack, working directly with CEO/CFO to design and deliver **core business systems**.
- Architected a drip referral platform sending **300k+** emails/SMS per quarterly campaign; unlocked a new revenue stream.
- Built CRM integrations and vendor automation, reducing manual ops and driving **~1100%** increase in vendor engagement.
- Led on-prem → AWS migration (EC2, MGN, EBS, CloudWatch), improving reliability and cutting infrastructure cost by **~50%**.
- Rebuilt legacy AngularJS apps in React; sustained **~99.9%** uptime over 12+ months.
- Executed a **zero-downtime** migration of **500k+** records, preserving customer and internal continuity.
- Launched AI-assisted lead distribution with vendor-ranking algorithms; supported **\$3M+** in closed projects in the last year.
- Delivered a redesigned reputation management product, lifting conversion from **~40% → ~85%**.
- **Technologies:** React, TypeScript, Jotai, React Query, Java, Spring, NestJS, MySQL, AWS, Docker, Nginx



PROJECTS

Strixia AI (11/2024 - Present)

- **End-to-end resume builder** with AI assistance: precise client-side pagination via ResizeObserver metrics, deterministic HTML→PDF (Puppeteer) with embedded fonts, and context-aware actions via an *intent-to-tool* router.
- Rich editing using **TipTap** and *fine-grained* state with Jotai; multi-layout themes, print-safe rendering, and stable CI/CD.
- **Technologies:** React, Tailwind, React Query, Jotai, TipTap, Puppeteer, NestJS, OpenAI, Vercel AI SDK, Supabase
- *Tidbit:* This very resume was generated and formatted using **Strixia AI**.

Inverra (07/2025 - Present)

- Built an **LLM-assisted research pipeline** with OpenAI Deep Research batch APIs; ingests Reddit signals and *normalizes* outputs into actionable summaries.
- Integrated real-time market data (Polygon.io), persisted artifacts in Supabase, and shipped a streamlined React UI.
- **Technologies:** TypeScript, React, shadcn/ui, OpenAI, Polygon.io, Supabase

Lifestone (01/2023)

- Web app where users authenticate via MetaMask and mint life milestones as **Ethereum NFTs**; includes contract logic and minting flows.
- **Technologies:** React, TypeScript, Redux, Solidity, Ganache, Truffle, FastAPI, AWS S3



WORK EXPERIENCE

Software Engineer Intern

Intuit

09/2022 - 08/2023

Edmonton, AB (Hybrid)

Global fintech company building products like TurboTax, QuickBooks, and Mailchimp.

Achievements/Tasks

- Shipped features for a React **conversation flow designer** within the Conversational AI team.
- Increased automated test coverage by **~35%**, improving deployment confidence and regression safety.
- Diagnosed and resolved launch-blocking defects under tight deadlines to protect release schedules.
- **Technologies:** TypeScript, React, React Flow, Redux, Jotai, Jest, Java, Spring, Hibernate, Python, FastAPI, PostgreSQL, AWS

Software Developer Intern

Alberta Language Technology Lab

01/2022 - 04/2023

Edmonton, AB (Remote)

Research lab advancing language technologies for Indigenous languages.

Achievements/Tasks

- Led development of a cross-platform **offline Morphodict client** (Plains Cree–English).
- Collaborated with linguists and engineers to design features serving both research and end-user workflows.
- Refactored the client with *multithreaded* processing, improving responsiveness and stability.
- **Technologies:** Python, Kivy, Django, SQLite, p4a

Full Stack Developer Intern

Fluid Life

01/2020 - 08/2021

Edmonton, AB (On-site)

Provider of reliability solutions and lubrication analysis for industrial clients.

Achievements/Tasks

- Refactored and extended web/desktop/mobile platforms used by **90k+** customers.
- Built a **public REST API** that unlocked a new revenue stream.
- Modernized the mobile app to React Native/Redux; supported QA and monitored production rollouts.
- **Technologies:** React Native, Redux, AngularJS, Java, Spring, Hibernate, C++