

TECHNICAL SKILLS

Languages & Databases: C++, C, Python, Java, JavaScript, TypeScript, HTML/CSS, Assembly, SQL

Frameworks & Libraries: Node.js, Firebase, Flask, Django, React, Stripe, Pytorch

Tools & Platforms: AWS, GCP, Docker, Git/GitHub, GitHub Actions, TeamCity, Datadog, Selenium

TECHNICAL EXPERIENCE

Software Developer Intern — Thrive Health

Sept 2024 - Present

Vancouver, Canada

- Optimized API performance by reducing API call latency by **400%**, leveraging a selective filter mechanism integrated into the **React hook**, enhancing data-fetching efficiency
- Strengthened application security by implementing **role-based access control** through structured **Access Control Lists**, assigning precise CRUD permissions tied to relational **SQL database entities**
- Utilized **Agile methodologies**, including sprint planning and retrospectives, for iterative development; conducted comprehensive **Datadog** dashboard reviews to identify software errors and generated actionable tasks for resolution

Software Developer — L.E.A.P AI

Jan 2024 - May 2024

Vancouver, Canada

- Addressed the needs of **5,000+ students** by engineering an **AI** academic advising chatbot using the PaLM 2 model to answer course-related queries
- Saved administrators **100+ hours** by implementing an admin page with **React**, **Firebase** and **MongoDB** that allows administrators to review and validate feedback provided by the AI
- Boosted AI response accuracy by **40%** through the strategic scraping of Sauder's course information using **Selenium**, transforming it into structured documents, and employing **Voyager 2** for enhanced **embedding**

TECHNICAL PROJECTS

Medical SaaS Platform — www.kaducare.com

July 2024 - Present

KaduCare

- Achieved a **90% reduction in consultation times** by integrating transcription tools, **LLMs**, and a user-centric design using **React** and **Tailwind CSS** for seamless doctor note generation
- Delivered a **production-ready SaaS product** with **Cloud Functions**, **Stripe** for payment processing, **Firebase** for real-time data management, and **CI/CD pipelines** for automated deployments
- Ensured HIPAA compliance and privacy by adopting a **zero data retention policy**, establishing **BAAs** with all third-party vendors, and building scalable, secure architecture

Ticket Scraping and Notifying App — www.notifynd.app

Jan 2024 - April 2024

Notifynd

- Cut ticket searching process time by **95%** by developing a **ticket scraping Chrome Extension** using **Python** and **Playwright** which alerts users when concert tickets match their price range
- Reduced monthly operational costs by **80%** by redesigning the system architecture to include a **SQL-based watchlist** for dynamic task allocation, minimizing SQL database calls and preventing database overload
- Achieved full automation of ticket scraping, capable of concurrently scraping **100 sites every 30 minutes** using **Docker**, **AWS EC2**, and **Mailchimp**, ensuring efficient and timely notifications on ticket availability

EDUCATION & ACHIEVEMENT

University of British Columbia

Vancouver, BC

Bachelors of Computer Science and Business

Sept 2021 - May 2026

- **Awards:** International Entrance Scholarship and Outstanding International Student Award (\$100,000)
- **Key Courses:** Data Structures and Algorithms, Software Construction, Relational Databases, Financial Modeling