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Experience

TFI Group, AI Solutions Architecture

June 2023 - Now

- Led the development of an AI-powered platform for R&D Tax Relief, Land Remediation, and general AI agent workflows, streamlining tax consultations and document management across service lines. Reduced project costs from hundreds of pounds to under £5 using AWS (Lambda, S3, SNS, Textract, ECR), Supabase, Pinecone, and OpenAI (GPT-4o/o3-mini, o1, Text-to-Speech, Speech-to-Text). Built with Next.js 15+, TypeScript, Tailwind CSS, and React Query, and MFA for additional security, role-based access, and streaming APIs.

BriefBuddy, Founder & Full-Stack Developer

March 2023 - Now

- Founded BriefBuddy, an LLM-powered note-taking platform, scaling it from a web app to a fully functional iOS app (apple.co/49xQYCF; briefbuddy.ca). Single-handedly developed the end-to-end solution using JavaScript, React, Node.js, Python, and Expo for app development/deployment, with Apple Connect (TestFlight, Transporter) for distribution. Grew the user base to 100+ and generated revenue via in-app purchases. Secured the \$5,000 Waterloo Conrad School of Business Entrepreneurship Award for operational excellence.

West Coast Kitchen, Software Solutions Architect

January 2023 - Now

- Developed Tracelt (traceit.ca), a comprehensive food traceability system for West Coast Kitchen, ensuring CFIA compliance by tracking ingredients, production, and sales across the food lifecycle. Built a scalable solution using Next.js 15, React 19, TypeScript, Tailwind CSS, and Tanstack React Query for efficient data management, with Supabase handling authentication, real-time database updates, and storage. Integrated QR code scanning for rapid product identification, Excel-exportable traceability reports, and secure authentication with Supabase Auth. Earned federal food inspector approval through rigorous system validation and query resolution.

University of Victoria (UVIC), TA & Research Assistant for MBA class

Feb 2024 - May

- Developed Python-based AI and data analytics tools—including Decision Trees, K-Means Clustering, PCA, web scraping, vector embeddings, and Artificial Neural Networks (ANNs)—to simplify advanced computer science concepts for MBA students, making technical material accessible and actionable.

Farm Credit Canada, Data Analysis

May 2022 - August

- Completed an intensive two-month program, learning financial literacy skills such as loan policy analysis, land valuation techniques, and in-depth financial statement evaluation. Designed and implemented a C++ software solution to streamline survey data analysis, delivering accurate, actionable reports that supported upper management's strategic decisions.

Education

Simon Fraser University

1 year left of school

- Dual Major; Business and Computer Science
- Robertson O Award - \$5000 for being a well-rounded individual

Skills

- AWS (lambda, S3, SNS, Textract, ECR)
- Supabase (database & authentication)
- Github
- Pinecone (vector database)
- ChatGPT Usage +3 years
- Cursor Usage +3 months
- Up to date on LLMs (claude, grok, gemini, deepseek...)
- OpenAI (LLM, Embedding, Whisper, TTS, Fine Tuning)
- Vercel (and Nextjs)
- Javascript, React, Nodejs, Python,
- Expo (app development & deployment)
- Apple Connect (TestFlight, Transporter)
- Python AI libraries: FNN, LTSM, Sklearn, TensorFlow
- Proficient: C, C++, Java