Aslan Farboud

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Experience

Zafin, AI Engineer Intern   *May 2025 - Now*

- I spearheaded the end-to-end development of the AI agent team for PPI (Pricing & Pricing Index) market intelligence platform, architecting and coding a robust AI agent system to autonomously extract, analyze, and structure data from thousands of web pages and PDFs across global product lines. I held full responsibility for designing, optimizing, and maintaining large-scale LLM workflows using OpenAI SDKs, ensuring high precision and reliability in data processing—an essential requirement for daily or weekly runs with operational budgets exceeding $1,000 per execution.

TFI Group, AI Solutions Architecture   *June 2023 - Now*

- Architected and led the development of TFI Group's enterprise AI platform, integrating multi-modal assistants (Tina AI, Dan AI) and advanced document automation to streamline tax consultancy operations. Delivered robust LLM orchestration, secure authentication, and real-time vector search, reducing operational costs by huge margins. Built with Next.js, TypeScript, OpenAI ChatGPT API, Supabase, Python, and Deepgram, the platform powers efficient, compliant workflows for R&D tax relief and land remediation services.

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 TraceIt (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   *Available for work: 2026, May 1st*

- 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