Calum Hrabi

Software Developer

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Skills

Languages: Go, Python, JavaScript/TypeScript
Frameworks: React, React Native, Express, Flask, Django, SQLc, Google ADK
Tools: Claude Code, Google AI Studio, Terraform, Docker, SQL, NoSQL, AWS, GCP, Firebase

Experience

Kablamo Canada Inc
Jul 2025 - Present
Back-End Software Developer

- Developed backend microservices using **Go** and **AWS** for Fin-tech Mobile Application
- Designed event-sourced model to process **Kafka** transaction events for user display and audit logging
- Improved domain model for product fulfillment service to support new features and scalability

V2 Cloud Solutions
Sep 2024 - Jan 2025
Full-Stack Software Engineering Intern

- Developed and maintained features using **React**, **Python** and **Django** for SaaS cloud services dashboard
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- Built **React** frontend features aligned with Figma designs for cohesive user experience

Kablamo Canada Inc
Jan 2024 - May 2024
Back-End Software Engineering Intern

- Developed serverless backend using **Go** and **AWS Lambda** for Fin-tech Mobile Application
- Implemented **AWS Kinesis** Data Stream for real-time Lambda API log streaming to **Datadog**
- Created internal CLI tool using **Go** and **Cobra** to generate test coverage reports for 80+ repositories

Front-End Software Engineering Intern
May 2023 - Aug 2023

- Built frontend features using **React-Native** and **TypeScript** for Fin-tech Mobile Application

Vluence
Sep 2022 - May 2023
Software Developer

- Implemented ETL pipeline using **Python**, **Pandas**, and **PostgreSQL** to extract and categorize SEC filing data

Environment and Climate Change Canada
Jan 2022 - Apr 2022
Software Engineering Intern

Projects

Machine Learning Crypto Trader

- Predicted hourly Ethereum prices with **<0.1% error** using **Bi-directional LSTM** with **TensorFlow**/**Keras**
- Built ETL pipeline with **Kafka**, **PySpark**, **Pandas**, and **MongoDB** to process real-time data

SoundBite AI Meeting Transcription

- Built full-stack app using **GCP** Speech-to-Text and **OpenAI APIs** to generate audio summaries
- Implemented authentication with **Firebase** and CRUD operations with **Express** and **Node.js**

Education

University of Waterloo
Sep 2020 - Apr 2025
B.ASc in Management Engineering - Distinction

- Relevant Courses: Data Structures & Algorithms, Intro to Functional Programming, Principles of Software Engineering, Applied Cryptography