

Cameron Thompson

Full-Stack Software Developer

cam@camthompson.ca | 647-498-1270 | Revelstoke, BC

Professional Summary

Full-stack software developer with 6+ years of experience building applications that serve real users at scale. Specialized in React, Next.js, and geospatial applications with a unique focus on avalanche forecasting and safety technology. Currently developing software used by multiple organizations across Canada, serving over 50,000 backcountry enthusiasts.

Core Technologies

TypeScript, Go, PHP, HTML & CSS, React, Next.js, Vite, PostgreSQL, Firebase, Chakra UI, MUI

Professional Experience

Software Developer

Avalanche Canada | May 2022 – Present

- Develop avalanche forecasting software used by multiple organizations across Canada
- Maintain public-facing website and app serving over 50,000 backcountry enthusiasts
- Built AvID FX forecasting tool combining geospatial weather data with interactive mapping
- Rebuilt mobile PWA using Next.js, MUI, and Mapbox for enhanced user experience

Technologies: React, React Native, Next.js, Go, Mapbox, Zustand, MUI, Auth0

Full-Stack Developer

Canadian Mortgages Inc. | November 2019 – May 2022

- Developed and maintained in-house software processing over 100 mortgage deals per month
- Designed and implemented new features and bug fixes to improve user workflow
- Built automated processes for document handling and deal status tracking
- Integrated with third-party applications to streamline operations and reduce manual work

Technologies: PHP, CakePHP, MySQL, Plaid

Education

Web Development Bootcamp Lighthouse Labs | August 2019 – November 2019

BASc Environmental Engineering University of Waterloo | September 2007 – April 2012