

# Harrison Milbradt - Resume

BC, Canada · hey@milbradt.ca

Senior Software Engineer and Head of Engineering with 8+ years of experience scaling platforms from zero to millions of users and over 1 billion assets generated. Deep expertise across the full product lifecycle – from internal developer tooling and technical architecture to production-grade AI features serving tens of thousands of daily requests.

## Skills

AWS

Cloudflare

React

TypeScript

Next.js

RDBMS

AI/LLM Integration

Node.js

NestJS

AI Workflow Adoption

Team Leadership & Mentorship

## Experience

### Senior Software Engineer and Head of Engineering

[LOGO.com](#)

May 2018 - Present

- Led the Wix.com integration end-to-end, collaborating directly with their team to deliver a full production release within one month – setting a record for the fastest partner integration at the time.
- Designed and implemented a dynamic prompt rendering engine for LLMs, enabling non-technical editors to maintain and deploy prompt libraries with parameter injection. Currently serves tens of thousands of requests daily with zero ongoing engineering effort to ship new AI experiences.
- Scaled the platform from zero to millions of users and over 1 billion logos generated while maintaining low infrastructure costs and security best practices.
- Architected a server-side event ingestion and routing API for analytics, handling sustained throughput across several third-party platforms while retaining full control over data flow.
- Completely overhauled the existing platform for agent automation, developing a fully automated system to go from a ticket to a preview build using skills, custom agents, and MCP.
- Fostered an engineering culture of continuous learning and experimentation. Drove adoption of AI-powered workflows across the team, increasing sprint velocity by 40% while reducing alerts and bug tickets.

## Personal Projects

- Manage a 50TB Unraid home server running 20+ Docker containers (including self-built applications Spectarr and Crease), remotely accessible via VPN with custom DNS (\*.harebear.ca).
- Built Spectarr, an \*arr-ecosystem application that uses AI to analyze photos of physical media and match them against a home media server library.
- Built Crease, a local-first note-taking application modeled after Notion, featuring a "Write with AI" capability.
- Designed a self-hosted LLM system for running models such as QwenCoder and Gemma on personal hardware, accessible remotely over VPN via OpenWebUI.

## Education

### **British Columbia Institute of Technology**

Diploma, Computer Systems Technology, Web and Mobile

2016 - 2018

Graduated with Distinction

Completed a 1-month practicum project to build a prototype logo generator, which led directly to being hired and continuing to develop the V1 of LOGO.com.

## Interests

- Avid reader and audiobook listener.
- Completed both the Juan de Fuca and West Coast Trail – over 100 km along the west coast of Vancouver Island.
- Enjoy building things: a home server, a custom drone, and countless side projects.

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*While these are my thoughts, the contents of this resume have been reviewed and edited with AI.*

*The most up to date version of this resume can be found at <https://harrisonmilbradt.com>*