

Walter Karabin

Full-Stack Software Engineer | Technical Lead

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Full-stack engineer and founder with four years of experience owning features end to end, from design through production. Building an LLM-powered fintech product of my own, and lead maintainer and mentor on a team of about 12 engineers.

Experience

Founder, Money Mapper — Remote (Dec 2025 – Present)

- Launched Money Mapper in June 2026 and now have 7 customers: an invoicing and receipt-tracking app for small businesses competing with QuickBooks Online and FreshBooks, with product, backend, mobile, and operations owned end to end.
- Built an LLM-powered receipt capture pipeline: a custom on-device document scanner (AVFoundation and Vision with blur detection, edge detection, perspective correction, and OCR) feeding OpenAI-powered server-side processing with async job status polling.
- Designed a QuickBooks Online integration (OAuth, entity syncing, purchase uploads, webhooks) and a Stripe seat-based subscription system with proration.
- Operate production and staging environments on Railway, migrating the backend from self-hosted infrastructure, and handle App Store Connect setup, StoreKit 2 in-app purchases, and review requirements.

Tech: Node.js, MongoDB, Swift, OpenAI API, Stripe, QuickBooks Online API, Docker, Railway, Cloudflare

Software Engineer / Technical Lead, MyPeople.ai — Remote (Feb 2024 – Present)

- Built a transpiler that migrated 13,000+ files (3M+ lines of code) from proprietary legacy code to modern, widely supported TypeScript.
- Manage AWS infrastructure (EC2, ECS, S3, RDS, Route 53, IAM) as code with Terraform.
- Lead maintainer of the main repository for a team of about 12 engineers, owning code merges and production deployments.
- Dockerized the entire application for single-command local setup, cutting developer environment setup from 4 hours to about 10 minutes, and wrote comprehensive documentation to streamline onboarding.
- Mentor 8 engineers through 1-on-1 coaching (May 2024 – Present).
- Designed Asana workflows that tighten collaboration between developers and QA.

Tech: Node.js, React, TypeScript, GitHub, MySQL, AWS, Terraform, Docker, Linux, Windows, macOS

Software Engineer (Part Time), HR.com — Remote (May 2022 – Feb 2024)

- Led a project working directly with the sales team to design and build custom CRM features, including inline editing that saves the team an estimated 5–10 hours a week.

- Built features on the Trending server that surface products, posts, and events to users.
- Built and maintained features on a custom messaging system using NATS.

Tech: AngularJS, Node.js, BullMQ, NATS, Asana

Contract & Freelance Software Engineer (2023 – 2024)

Karabin Design Build — Remote (May 2023 – Jan 2024)

- Built an internal accountability app in Swift and SwiftUI, backed by a Node.js API hosted on AWS and Raspberry Pi.
- Integrated third-party APIs (OpenAI, Harvest, Google), using AI to cleanse financial data and prepare client presentations, saving about 4 hours a week.

Tech: Swift, SwiftUI, Node.js, TypeScript, MongoDB, AWS, GitHub CI/CD

Caldwell Recognition — Hybrid, Langley, BC (Aug 2023 – Jan 2024)

- Built custom automations and PHP checkout and cart logic for a WordPress store, working directly with stakeholders.

Tech: PHP, WordPress, MySQL, JavaScript, CSS, HTML5

Education

BASc, Computer Engineering — Queen's University, Kingston, ON (2017 – 2022)

Relevant courses: Software Development, Object-Oriented Programming, Database Management Systems, Human-Computer Interaction

Leadership

Varsity Athlete and Team Captain, Queen's Football (2017 – 2022)

- Balanced a full engineering course load with a 40+ hour training schedule.
- Led the Unity Council and player-driven initiatives.
- Lou Bruce Award, Most Outstanding Defensive Player (2021); Johnny Evans Award, Most Valuable Player (2022).

Interests

Snowboarding and surfing · Heavy equipment operation · Guitar and piano