

TIMI OWOTURO – SENIOR SOFTWARE ENGINEER

Experienced Software Engineer with strong expertise in web development, platform engineering & AI.

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Experience

Shopify

Remote, Canada

Senior Software Engineer

June 2020 – Present

- Developed from scratch a new Shopify customer accounts platform with a team for millions of Shopify merchants. This contributed to several **billions** in GMV and reaching over **1M+** merchants and counting. Serving traffic in the millions of customers per day. Used **React, TypeScript, GraphQL, & React Testing Library**.
- Integrated and built the foundations of customer account extensibility. Allowing 3rd party developers build inline and full page apps & extensions for the Shopify customer accounts platform. This contributed to the Shopify partner ecosystem and used by thousands of 3rd party developers.
- Built internal testing APIs in **TypeScript** enabling automated tests for **React** UI components, **GraphQL**, and **accessibility**.
- Maintaining deployment infrastructure, testing infrastructure and improving CI/CD stability for my team.
- Part of the technical alignment group within Shopify to align on new frontend components, frontend APIs and patterns.
- Mentored, led, and paired with junior developers on the team to achieve project goals, as well as interviewed candidates who were interested in joining Shopify.
- Presented technical solutions to our engineering team and directors for high-impact projects.

FirstList (formerly Knokd Inc)

Remote, Canada

Senior Software Engineering Consultant

July 2024 – Dec 2024

- Implemented a new authentication system for FirstList to allow unrepresented buyers sign up for pre-market listings. Used **React & TypeScript, NodeJS & NestJS**, Oauth (Google, Facebook) and **Tailwind**.
- Implemented a new feature to assign unrepresented buyers an agent on sign up. This helped Firstlist explore more revenue options.
- Fixed several bugs and added several features to FirstList during my time consulting for them.

Skills

Frontend - TypeScript, JavaScript, React, Angular, Jest, React Testing Library, GraphQL & Apollo, MSW

Backend - Python, Java, NodeJS, NestJS, PostgreSQL, Ruby, Google Cloud Platform

Mobile - Swift, SwiftUI, iOS

AI - OpenAI API, Apple Intelligence & Foundation Models, MCP, function calling & tool use

Notable projects

OpenTeller (openteller.app) – AI-powered personal finance app I built with bank sync, automatic transaction categorization, and a natural language assistant that runs on-device with Apple Intelligence or in the cloud with GPT-5.4 mini. Exposed over MCP and shipped across iOS and a React web app.

Brain – A personal memory system I built as an MCP server with a native iOS app, letting AI tools store and recall context across sessions.

Education

University of Ottawa

Ottawa, Canada

Bachelors of applied science in Computer Engineering

Sept. 2016 – May 2020