

Aman Meherally

[Email](#) [Website](#) [LinkedIn](#) [GitHub](#) Toronto, ON

EDUCATION

University of Toronto

Co-op - Hons. BSc (CS & Statistics)

Recipient of University of Toronto Scholar Award (Merit-based scholarship of ~\$20,000)

Toronto, ON

May 2027

EXPERIENCE

(Incoming) Associate Software Developer

CGI

January 2026 – April 2026

Toronto

Software Engineering Intern

Kumon

September 2025 – December 2025

Toronto

- Led the end-to-end development of a full-stack employee management system, successfully tracking **400+ weekly timesheet hours** by architecting a scalable solution with **Next.js, Supabase, and PostgreSQL**
- Engineered a highly intuitive user interface with Next.js, achieving rapid adoption across the company by conducting **User Acceptance Testing (UAT)** with **20+ tutors and administrators** to streamline data management
- Secured sensitive payroll and student data by designing optimized PostgreSQL schemas, implemented robust **Row-Level Security (RLS)**, validating data integrity through comprehensive API security tests using **Jest** and **Supertest**
- Developed and launched a secure, user-centric dashboard that **centralized timesheet, payroll, and student data**, enabling seamless CRUD operations and providing a **single source of truth** for administrative staff

Co-founder & CTO

KKC Classroom

May 2025 – Present

Toronto

- Spearheaded the end-to-end **architecture** of a full-stack EdTech platform using Next.js, Firebase, and **PostgreSQL with Prisma**, enabling the on-time launch of 3+ core product features
- Reduced potential pre-deployment bugs by **40%**, improved code quality by leading a 100% codebase **migration to TS**
- Engineered the platform's core monetization engine to establish the primary revenue stream, integrating the **Stripe API** with a Next.js and Firebase backend to seamlessly and **safely process user subscriptions**
- Secured proprietary video assets against unauthorized distribution by implementing a secure streaming pipeline using **AWS S3 pre-signed URLs** and **AWS Elemental MediaConvert** for protected content chunking

Software Engineering Intern

Disposable Food Packaging

February 2025 – April 2025

- Engineered database backup optimizations, **reducing processing time by 95%** (from 5 minutes to 15 seconds) and streamlining UX to a **one-click interface**, significantly boosting operational efficiency
- Developed a remote data editing feature for **MS SQL** databases by architecting a **cloud-local sync engine** with versioning, eliminating a critical manual workflow and enhancing data management flexibility
- Integrated AWS S3 to safely store **10GB+** of database backups, ensuring data integrity, accessibility, and recovery

PROJECTS

Blur | [GitHub](#), [DevPost](#)

Vite, Tailwind, React, Python, OpenCV, pytesseract | semi-finalist at Hack the North

- Architected the **API** of Python-based software which takes a video stream and intelligently blurs confidential information
- Created a real-time **WebRTC** video chat app in **React** to integrate and illustrate the use-case of this software
- Pitched this SaaS to judges from YCombinator, Groq and Ollama to be sold to streaming platforms (**Twitch, Discord, Zoom**), secured a spot in the top 32 teams and finished as a semi-finalist at the largest hackathon in Canada

DevDoc | [GitHub](#), [DevPost](#)

Next.js, Tailwind, React, shadcn, Neon, PostgreSQL, pgvector

- Led the development and design for a VS Code extension that provides version-aware code suggestions using a **RAG pipeline** with GPT 4.0 & Gemini, providing an interactive and responsive user flow, reducing outdated results by **90%**
- Designed and built the complete user experience, including the promotional landing page and the intuitive chat interface for the extension, driving **20+ marketplace installations in the first 24 hours**
- Implemented Vercel's AI SDK to manage model interactions and stream real-time code suggestions, featuring 8 models

SKILLS

- Shopify Development:** Shopify Themes (Online Store 2.0), Liquid, Checkout Extensibility (UI Extensions, Pixels), Shopify Functions, Theme App Extensions, App Bridge
- Web Technologies:** JavaScript, HTML/CSS, GraphQL, REST APIs, Webhooks
- Tools & DevOps:** Git/GitHub, Shopify CLI, AI Tools (Cursor, Copilot, ChatGPT), CI/CD, Theme Check, ESLint
- Headless & Integrations:** Hydrogen/Oxygen, ERP/OMS/PIM Integrations, Admin APIs, Storefront APIs
- Architecture & Performance:** Content Modeling (Metafields/Metaobjects), Frontend Performance Optimization (Core Web Vitals), Multi-Region Architectures, Progressive Enhancement