

MEHRSHAD FARAHBAKHSH

📞 +1 647-451-2927

✉️ mehr81@my.yorku.ca

🌐 in/mehrshad-farahbakhsh

🌐 mehrshadfarahbakhsh.com

SUMMARY

Computer Science student and Full-Stack Developer with 2+ years of professional experience building scalable web applications and AI-powered solutions. Proven track record of improving system performance by up to 90% and delivering high-impact features with 80%+ test coverage. Experienced in modern JavaScript/TypeScript ecosystems, cloud deployments, and database optimization. Seeking technical internships to leverage development expertise and drive impactful solutions in dynamic, collaborative environments.

EDUCATION

York University

Sep 2021 – Dec 2026

Honours Bachelor of Science in Computer Science

- Overall GPA: 3.7/4.0
- Mentored 10+ teams across university and community hackathons on technical architecture and best practices

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Go, Python, Java, C, Bash

Frameworks and Libraries: React, Next.js, Node.js, Express.js, Sequelize, Tailwind CSS, Bootstrap, JUnit, Vitest

Tools and Technologies: Git, GitHub, Docker, Amazon Web Services (AWS), Microsoft Azure, gRPC, Vercel

Databases: MySQL, PostgreSQL, MongoDB

Other: Shopify, WordPress, Webflow, Figma

PROFESSIONAL EXPERIENCE

Software Engineer (Co-op)

Jan 2026 – Apr 2026

Argo (TSXV:ARGH)

- Built automated validation system using **Google Apps Script** to verify scheduling assignments against policies, reducing operational errors and improving resource allocation
- Developed **Node.js** Slack bot with **REST API** integrations for incident ticketing and engineer paging, consolidating emergency response tooling

Full-Stack Developer (Co-op)

May 2024 – Aug 2025

KPM Power

- Developed **10+** internal platform features using **TypeScript** and **SCSS** with **80%+** unit test coverage using **Vitest**
- Optimized database queries by **80%** through efficient **MySQL** schema design and **Sequelize ORM** implementation
- Built and deployed **RESTful APIs** with **Node.js/Express.js**, enabling seamless frontend-backend integration
- Integrated **Microsoft Azure Active Directory SSO**, streamlining user authentication across the platform
- Architected backend service for third-party data replication, improving feature load performance by **90%**

Web Developer

Jan 2023 – Dec 2023

Gokoo

- Delivered responsive, client-focused websites using **Shopify** and **WordPress** with optimized user experience
- Improved company **SEO** performance to **80%+**, increasing search rankings and organic traffic via Google Analytics
- Achieved **100%** client satisfaction through **Agile** methodologies, timely delivery, and comprehensive post-launch support

PROJECTS

MyEVE – Electric Vehicle Marketplace

- Built full-stack e-commerce platform using **React.js** frontend and **Node.js/Express.js** backend
- Implemented secure **JWT** authentication, **RESTful APIs**, and **MySQL** database with **Sequelize ORM**
- Deployed on **AWS (EC2, S3, CloudFront)** with **Docker** containerization for scalability and performance

BreviMind – AI Article Summarizer

- Developed AI-powered summarization tool using **RapidAPI** and **OpenAI**, reducing reading time by **90%**
- Created responsive interface with **React** and **Tailwind CSS**, ensuring cross-device compatibility