

MOHAMMED VEPARI

mohammedvepari@mohammed-vepari.dev | (416) 277-4564 | [linkedin.com/in/mohammed-v-2094b222a/](https://www.linkedin.com/in/mohammed-v-2094b222a/) | <https://mohammed-vepari.dev>

TECHNICAL SKILLS

Programming Languages: Java, Python, TypeScript, JavaScript, SQL, C++, C#, Swift, React, Next.js, Angular, Node.js, HTML5, CSS3, PostgreSQL, MySQL, Tailwind CSS

Platforms: MongoDB, Supabase, Redis, Git, Docker, AWS, Google Cloud Platform

EDUCATION

Algoma University || Brampton, ON

Graduated June 2026

Honours Bachelor of Computer Science

3.7 / 4.0 GPA

Relevant coursework: Data Structures, Operating Systems, Artificial Intelligence, Software

Engineering, Distributed Systems, Theory of Computing, Techniques of Systems Analysis, Web

Database Management, Introduction to Cybersecurity, Analysis of Algorithms

George Brown Polytechnic || Toronto, ON:

Graduated August 2023

Computer Programming & Analysis

PROJECTS

NetPulse (Distributed Uptime Monitoring SaaS) | <https://netpulsemanage.dev>

June 2026

Tech Stack: Typescript, JavaScript, Terraform

- Designed, built, and deployed a full-stack uptime monitoring platform with combination of Next.js, TypeScript and JavaScript so IT professionals get to monitor incidents and check for issues with networking which means proactive response to network issues and improvements to network capacity resulting in 99.9% uptime.
- Implemented Zero trust software architecture so that Mutual TLS encryption is implemented which means it's hard for attackers to steal login credentials resulting in fewer cyberattack rates.
- Deployed scale to zero application model so that cost only occurs if users use it which means more efficiencies resulting in lower operational costs.

moveYSplash (Academic Project) | <https://move-y-splash.com>

December 2025

Tech Stack: Typescript, JavaScript, PostgreSQL, Ably

- Used efficient algorithms so that users can socialize quickly and efficiently which means reduced wait times to log into social media application resulting in 90% performance improvement.
- Implemented Ably chat API system so two-way chat application and video calls work which means users can message and video call reliably resulting in 99.9% reliable video call performance.
- Implemented Supabase database so personal information can be stored inside social media app which means user can use the application without re-registering resulting in 0.1% data loss.

WORK EXPERIENCE

Amazon Canada: Fulfillment Associate | Brampton, ON

Oct 2016 - present

- Directed high-volume inventory operations in a fast-paced environment, so that items are packed which means customers receive products they ordered resulting in 99% on time deliveries.
- Adapted quickly to shifting priorities so that returns and orders of any size is processed which means customers don't have to keep items they don't like, and they can receive good quality items resulting in 99.9% reliability rate.
- Demonstrated sustained reliability so that work can be done in a team which means larger volumes of customer orders get delivered on time resulting in 0.1% customer shipment delay rate.