

# GABRIEL UPCOTT

2024 Software Development Graduate

@ gabrielcupcott@gmail.com    289.684.8748    in linkedin/gabrielupcott    gabrielupcott.dev

## EXPERIENCES

### Junior Developer

#### TV2 Consulting

November 2024 - Present

- Built and optimized responsive web pages using **Vue.js**, **Next.js**, **TypeScript**, **HTML**, and **CSS**, improving scalability and performance for client-facing websites.
- Built **Python-based**, **AI powered automation and testing tools**, helping teams deploy faster and with fewer issues.
- Supported applications with **hundreds of users** across Canada, ensuring reliability and performance.
- Supported native **Swift**, **Kotlin** and **Java** Android and TV applications by contributing to **cross-platform UI consistency**.
- Collaborated with design and product teams to implement **modern UI components** that improved user engagement.

### Full Stack Developer (Co-op)

#### MEDIC - iDeaWORKS - Mohawk College

January 2023 - August 2024

- Delivered **three production-ready web applications** for healthcare clients using **React**, **FastAPI**, and **MySQL**.
- Communicated with non-technical clients**, presenting new features, scoping requirements, and building professional relationships.
- Designed and integrated **REST APIs**, supporting secure data access and improving client workflows.
- Implemented and architected **AWS** cloud solutions, utilizing **Cognito**, **EC2**, and **S3**.
- Presented features in **agile** sprint reviews and collaborated closely with clients, product managers, and designers.

## PROJECTS

### Grocery App – React Native Application with Typescript

#### Full Stack Developer - Capstone

2024

- Developed a **cross-platform mobile app with React Native and TypeScript** for tracking pantry inventory, shopping lists, and store locations.
- Implemented secure user **authentication** with **AWS Cognito** and local secure storage.
- Integrated barcode scanning with Expo Camera for fast product entry.
- Built a **testing** environment with Jest and React Testing Library, improving code reliability.

## SKILLS

JavaScript

TypeScript

React

VueJS

React Native

Swift

Kotlin

Java

Spring

AWS

HTML

CSS

Python

Node.js

FastAPI

REST APIs

MySQL

SQL

JSON

PHP

WordPress

Git

Linux

Unit Testing

## EDUCATION

### Software Development

#### Mohawk College

2021 - 2024

### Honours Computer Science BSc

#### York University - Lassonde

2020 - 2021

## RELEVANT COURSES

### Emerging Web Technologies

2024 - Mohawk College

Created real-time web applications, **RESTful APIs** and chatbots using **NodeJS** as well as single-page web applications using modern front-end **JavaScript** frameworks.

### Data Structures and Algorithms

2023 - Mohawk College

Explored various **data structures** including **arrays**, **linked lists**, **hashmaps**, **trees** and more as well as applying **Big O notation** to quantify algorithmic time and space complexity

### Server Side Web-Programming

2023 - Mohawk College

Developed server-size web architectures primarily in **PHP** as well as **JavaScript**.