

# Keshav Callychurn

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**Bilingual (Fluent in French)** || Permanent Resident

## EDUCATION

### Computer Programming Diploma

Seneca Polytechnic GPA: 3.9/4.0

North York, ON

May 2024 – August 2026 (Expected)

### Bachelor of Business (Accounting and Finance)

La Trobe university WAM: 87%

Melbourne, Australia

July 2018 – June 2021

## WORK EXPERIENCE

### I & IT Web / Application Developer – Co-op

Toronto, ON

#### Ontario Public Service - Ministry of Public and Business Service Delivery

Sept 2025 – Current

- Collaborating with the development team to maintain and improve a web application built using **.NET (C#)**, **Razor Pages**, **HTML/CSS**, and **JavaScript**.
- Fixing UI and backend bugs and implementing critical features to enhance user experience and application functionality.
- Contributing to the development of an agent for a Retrieval-Augmented Generation (RAG) project using **Python**.
- Implemented automated API tests using **Pytest** to validate endpoints.
- Implemented **CI/CD** pipelines in **Azure DevOps**, automating build, test, and deployment processes.

## PROJECTS

### UFC Store

*Full stack e-commerce store powered by the MERN stack and inspired by the official Ufc store website.*

**Technologies:** React, HTML, CSS, Javascript, Node.js, MongoDB, Express.js

- User registration and login.
- User authentication using Json Web Token (JWT).
- Product listing with details (name, description, price, images).
- Ability to Add/remove items to/from the cart and update item quantities in cart.
- Access to Manage Product Page which is authorised only for the admin user where new products can be added and existing products on the website can be updated or deleted.
- Integration with payment gateway Stripe.
- Demonstrate knowledge and proficiency with REST APIs

### Gym Lift

*A mobile workout app built with React Native that helps users create and manage personalized workout routines.*

**Technologies:** React Native, Typescript, AppWrite

- Create Workout plan from a list of exercises
- View exercises descriptions and muscle targeted

## TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript/TypeScript, C/C++, C#, Java
- **Web & Backend Development:** React.js, React Native, Express.js, Node.js, HTML, CSS
- **Databases:** MySQL, MongoDB, Oracle SQL, MS SQL
- **DevOps:** Docker, CI/CD, Azure DevOps
- **Version Control:** GIT, Azure Repos.
- **Microsoft Office Suite:** Word, Excel, PowerPoint, Outlook
- **Software Development Life Cycle (SDLC):** Agile, Waterfall, and Iterative methods
- **Operating system:** Windows, Linux
- **IDE:** Visual Studio, Visual Studio Code

## CERTIFICATIONS

- **Microsoft Certified: Azure Fundamentals (AZ-900)** – Issued September 2025
- **ISTQB (International Software Testing Qualifications Board) Foundation Level** - Issued April 2025