

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

Ontario Public Service - Ministry of Public and Business Service Delivery

Toronto, ON

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