Keshav Callychurn

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Bilingual (Fluent in French) || Permanent Resident

EDUCATION

Computer Programming and Analysis Diploma   North York, ON
Seneca Polytechnic GPA: 3.9 / 4.0   May 2024 – April 2027 (Expected)
Note: Open to full-time opportunities and completing remaining courses part-time

Bachelor of Business (Accounting and Finance)   Melbourne, Australia
La Trobe university   WAM: 87%   July 2018 – June 2021

WORK EXPERIENCE

Software Developer – Co-op   Toronto, ON
Ontario Public Service - Ministry of Public and Business Service Delivery   Sept 2025 – April 2026

- 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

RememberBirthdays **Github-Backend**   **Github-Frontend**   **Live Site** **Pdf Summary**
Full-stack birthday management application with secure authentication and automated email reminders.
Technologies: React, TypeScript, Material-UI (MUI), Java 21, Spring Boot 3.5, Keycloak (OAuth2), PostgreSQL, Docker,

- Designed and implemented **RESTful APIs** using **Spring Boot** and **Spring Data JPA** with full CRUD functionality
- Implemented secure **OAuth2 authentication** and role-based authorization using **Keycloak** and **Spring Security**
- Built a **layered backend architecture** (Controller, Service, Repository) following clean code and best practices
- Integrated **PostgreSQL** for production-grade data persistence and relational data modeling
- Developed automated email reminder jobs using the **SendGrid API** and containerized services with **Docker**

UFC Store **Github**   **Live Site**
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

- Implemented user registration, login, and JWT-based authentication for secure access
- Developed product listing and CRUD operations, including admin-only management of products
- Built shopping cart functionality with add/remove items and quantity updates
- Integrated Stripe payment gateway and demonstrated proficiency with RESTful API

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript/TypeScript, C/C++, C#, Java (Spring boot)
- **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