

# KESHAV CALLYCHURN

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Bilingual (Fluent in French) ◊ Permanent Resident

## PROFESSIONAL SUMMARY

Full-stack developer with production experience building secure and scalable applications using C#.NET and Spring Boot. Strong foundation in backend development, REST APIs, and CI/CD pipelines, with hands-on experience delivering maintainable and testable code in agile environments.

## WORK EXPERIENCE

**Software Developer co-op** August 2025 - Present  
Ontario Public Service - Ministry of Public and Business Service Delivery *Toronto, ON*

- Developed and enhanced full-stack web applications using C#, .NET (MVC architecture), Razor Pages and JavaScript, delivering 5+ production features used by three internal business teams.
- Implemented PyTest-based automated tests for API endpoints, increasing test coverage from 50% to 80% in a Retrieval-Augmented Generation (RAG) pipeline.
- Built and maintained CI/CD pipelines in Azure DevOps reducing deployment time from 2 hours to 15 minutes.

## PROJECTS

**RememberBirthdays** – Full-stack birthday manager with secure auth and automated email reminders.

[Backend](#) | [Frontend](#) | [Live](#) | [PDF](#) | [Video](#) Java (Spring Boot), Keycloak, PostgreSQL, Docker, React, TypeScript

- Built scalable RESTful microservices and full-stack APIs with Java 21, Spring Boot, and Hibernate, supporting CRUD operations and secure OAuth2 authentication with Keycloak and Spring Security.
- Integrated PostgreSQL for production-grade persistence, automated email reminders via SendGrid, and containerized services with Docker in a layered backend architecture.

**UFC Store** – MERN e-commerce platform with authentication and Stripe payments

[GitHub](#) | [Live](#) React, JavaScript, Node.js, Express, MongoDB

- Built full-stack e-commerce features including JWT-based authentication, admin-restricted product CRUD, and dynamic shopping cart functionality.
- Integrated the Stripe API for secure payment processing and developed RESTful APIs using the MERN stack.

## SKILLS

**Programming** Java, C#, Python, Javascript/Typescript

**Backend** Spring boot, .Net, Node.js, Express.js

**Frontend** React.js, HTML, CSS, Bootstrap, Material UI

**Database** PostgreSQL, MySQL, MongoDB, Oracle SQL, MS SQL

**Cloud and Devops** Git, Docker, Azure DevOps

**Authentication & Authorization** Keycloak

## CERTIFICATIONS

**Microsoft Certified: Azure Fundamentals (AZ-900)**

September 2025

**ISTQB (International Software Testing Qualifications Board) Foundation Level**

April 2025

## EDUCATION

**Computer Programming Diploma**, Seneca Polytechnic, GPA 3.9/4.0

2024 - 2026

**Bachelor of Business (Accounting and Finance)**, La Trobe University, WAM 85%

2018 - 2021