

# Omer Zulfiqar

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## SUMMARY

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A Toronto Metropolitan University student studying Software Engineering looking for an entry-level co-op position. With practical experience in front-end component design, asynchronous data processing, and external API integration, I have developed academic online apps and RESTful APIs using .NET, SQL, and React. Experienced in working with structured data and validation-heavy workflows where precision and consistency are critical.

## TECHNICAL SKILLS

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**Languages:** C#, SQL, Java, JavaScript, Python, C++

**Frameworks & Libraries:** .NET Core, ASP.NET, Entity Framework Core, React

**Cloud & DevOps:** Azure, Git, GitHub, Docker (basic), CI/CD

## ACADEMIC PROJECTS

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### Weather Application Forecast

- Developed a responsive web application that consumes a third-party weather **API** to retrieve and display real-time weather data based on user location and search queries.
- Implemented asynchronous data fetching and dynamic UI updates using **JavaScript**, ensuring accurate data rendering and error handling across multiple browsers and devices.
- Designed a modular front-end architecture using **HTML**, **CSS**, and **JavaScript** to improve maintainability.

### To-Do List Web Application

- Built a task management web application using **React**, enabling users to create, edit, and delete tasks through a clean, component-based architecture.
- Utilized **React Hooks** for state management and implemented real-time UI updates to ensure consistent application behavior and user experience.
- Focused on input validation, component reusability, and scalable front-end design patterns to support future feature expansion.

## EDUCATION

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### TORONTO METROPOLITAN UNIVERSITY

**Toronto, ON**

Bachelor of Engineering in Computer Engineering

**Stream:** Software Engineering

**Minor:** Computer Science, Business

*Sep 2021-2026*

## WORK EXPERIENCE

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### Inventory Operations Assistant – SPAR Canada

**Brampton, ON**

*100 Alfred Kuehne Blvd, Brampton, ON*

*Jul 2025 – Present*

- Worked with structured inventory datasets to validate, reconcile, and correct discrepancies between purchase orders, shipment records, and physical inventory using internal systems and Excel.
- Ensured data integrity in a high-throughput warehouse environment by cross-verifying skid numbers, item counts, and supplier documentation before system updates.
- Assisted retail renovation operations by producing and maintaining Excel-based inventory reports used to coordinate logistics across multiple Walmart store projects.