

James Hare

jahare@live.ca | 289-228-1888

Education

Computer Programmer Analyst – Advanced Diploma

January 2021 – December 2022

Niagara College, Welland, ON

Primary Skills

Experience with .NET C#, Java, SQL, Javascript/HTML5:

- **Developed** multiple user-friendly applications for managing large amounts of data and processing it using various design patterns (**MVC, MVVM**) and technologies (**Xamarin, Blazor**).
- Built a **TCP/IP** client-server application for communicating between systems with **Java** on **Android** and desktop environments.
- Collaborated on the development of a **CRM ASP.NET Core Web App** for use by a local charity.

App development experience with RESTful API and Web Services integration:

- Programmed a **RESTful API** service hosted with **Azure** for the purpose of maintaining campground data, including compounds and campers.
- **Tested** the functionality of an API built with **C#** using **Swagger**.
- **Created** and deployed a **Xamarin (MAUI.NET)** application for calling and manipulating data from the Campground API.

Experience with SQL, SSIS:

- Wrote **T-SQL procedures** for generating and/or processing large amounts of business data.
- Utilised **Apache Spark** and **Hadoop** for managing and analyzing Big Data.
- **Created** database and **data warehousing** systems along with the necessary security, schemas, and partitions required for safe operations.

Secondary Skills

Analytical and troubleshooting:

- **Performed** a number of bug fixes on both frontend and backend aspects of a large CRM web app designed to manage employee data, customer memberships, and purchases/inventory.
- **Analyzed** collaborators' code and provided support in fixing build errors and various other issues within our **ASP.NET Core Web App** and **SQLS** database.
- **Created** custom **unit tests** to solve a critical issue in the calculation of order total cost being calculated across multiple C# classes.

Communication:

- **Collaborated** with a team through the semester-long development of a complex custom **CRM** application.
- Well practiced in writing **detailed comments** to explain the purpose and function of my code.
- Reading and writing effective intra-office memos and documentation.

Client Relations:

- **Met with clients** regularly to ensure that their vision was being properly realised throughout design and production.
- **Consulted with clients** about the state of their data and how to best migrate said data into a new system.
- **Led presentations** to the client on the status of their software prototype and took detailed note of any **feedback** to be used in its further development.

Employment History

Dairy / Frozen Associate

January 2022 — Present, Walmart Canada

Peer Tutor

October 2021 – May 2022, Niagara College

Silkscreen Printer / Recycler

August 2019 — January 2021, Speck Industries