Aspiring Software Engineer

C# & .NET / Java / Networking

Excellent understanding of backend development, object-oriented programming, and TCP/IP networking. Strong communication and customer service skills, enabling effective collaboration amongst clients and colleagues alike. Able to perform efficient, organized work under time pressure while paying fine attention to details. Effective at thinking critically and making sound decisions. Great at problem-solving and can adapt quickly to new technologies.

Technical Skills

Programming: Proficient in writing maintainable, modular, and scalable software in C#, Java, Python, and JavaScript. Also familiar with utilizing APIs.

Backend Development: Possess a deep understanding of object-oriented concepts such as inheritance, encapsulation, polymorphism, and interfaces. Also familiar with serialization in various formats.

Frameworks: Experienced in using .NET (Core), React.js, Express.js, and Node.js to complete software projects.

Software Development Tools: Solid foundation in SQL. Familiar with controlling software versions with Git and creating UML software diagrams with Microsoft Visio. Have also used Jira for project management.

Education

Software Engineering Technology (Co-op) Advanced Diploma

Centennial College (Progress Campus) - Scarborough, ON

January 2025 - Present

GPA: 4.1/4.5 (A)

Projects and Certifications

Blackjack Engine

C#

Engineered a blackjack library (containing over 20 classes) using the .NET framework. Also developed an event-driven Windows Forms GUI prototype that utilizes a modified version of the engine to support iterative development in accordance with agile methodologies.

Pet Frontend Framework

JavaScript

Engineered a custom frontend framework for a pet-themed webpage that utilized 4 different APIs. Object-oriented programming principles were used to recreate component-based web development without relying on any modern abstractions.

Scarborough, ON 437-430-2758 | kgfall1@gmail.com

React Portfolio JavaScript

Built and deployed a personal portfolio using React.js to showcase my background and skills. It was deployed using Netlify and features optimized CSS logic as well as dark-themed styling.

Cisco Certified Entry-Level Network Technician (CCENT) Certification

February 2, 2020

Passed the CCENT certification test with a score in the high 800's.

Work Experience

Costco Wholesale

Stocker | July 2022 - October 2024 Collaborated with the morning merchandise team to stock products before the store opened to members. Also delivered and removed pallets of merchandise to and from the sales floor by operating a forklift. Provided invaluable support to a warehouse that often grossed upwards of \$1,000,000 on busy days.

McDonald's Crew Member | May 2018 - February 2021 Provided many forms of labour to the former-busiest McDonald's location in Canada. This included preparing food, running the front counter, delivering food for both walk-in customers and drive-through customers, taking drive-through orders, washing equipment, cleaning the lobby, helping to unload store delivery trucks, and handling delivered merchandise.