

Software Engineer

C# & .NET / Java / Systems Design

Excellent understanding of object-oriented programming, backend development, and systems design. 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 and PL/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**

January 2025 - Present

Centennial College (Progress Campus) - Scarborough, ON

GPA: 4.1/4.5 (A)

Projects and Certifications

Modular Utility Library

Java (Jitpack.io/Maven)

Created a custom utility library that was used in multiple software projects to reduce the duplication of knowledge according to the DRY principle. The library currently offers abstractions related to error-free GUI input, collection manipulation, and exception handling.

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.

Quinn Keenan

[GitHub](#) | [LinkedIn](#)

Scarborough, ON
437-430-2758 | kqfall1@gmail.com

SnapPatch Requirements Engineering

Java/Python

Currently drafting an SRS document for SnapPatch, a CLI tool that will be used to automatically and remotely version configured client projects that were developed with JVM-based languages and Apache Maven. Designed to support modular, iterative development by following test-driven design principles. Defined user roles, several use cases and user stories, subsystem boundaries, a UML class diagram, and more.

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.