

Halifax, Nova Scotia
(902) 209 - 6001
BrentonMoxsom@hotmail.com
LinkedIn: brenton-moxsom

Brenton Moxsom

Junior Developer / IT Generalist

Junior Developer with an IT Programming diploma, poised to bring fresh solutions to modern business challenges.

Passionate about utilizing my programming expertise to **innovate** and **drive efficiency**. Committed to growth, staying ahead of tech trends, and **delivering impactful results**.

Education

IT Programming

Sept 2022 – May 2024

NSCC, Nova Scotia Community College.

Work Experience

Woopla Gaming

Sept 2021 – Current

Sydney, N.S. Canada

Zumiez, Manager

Sept 2014 – Sept 2021

Moncton, N.B. Canada

Skills

Programming Languages

Python; C, C++, C#; Java; Kotlin; Dart.

Web Development

HTML, CSS, JavaScript, SQL; Familiar with frameworks and libraries like React (UI library), Flask (Python web framework), and experience with Node.js (JavaScript runtime environment).

Mobile Development

Experience with Android development using Java and Kotlin; cross-platform app development with Dart and Flutter.

Database Management

SQL, SQLite, SMSS, MariaDB; Proficient in SQL for database design, querying, and optimization. Experience with relational database systems.

Highlight Projects

E-Commerce Website Development (.NET Framework, C#):

Creation of a dynamic e-commerce platform using C# within the .NET Framework, integrating a robust database for seamless product management and transaction processing. Designed key features including user authentication, shopping cart functionality, and secure payment processing, leading to an enhanced user experience. Overcame technical challenges through innovative solutions, significantly boosting website performance and security. This project honed my full-stack development skills and deepened my understanding of e-commerce operations.

Public Transportation Tracker App (Android Studio, Kotlin):

Developed a real-time public transportation tracking app in Kotlin using Android Studio, featuring live updates of bus routes within the HRM via API integration. Implemented functionality for users to save favorite routes, with live route mapping for easy navigation. The app enhanced commuter convenience by providing accurate, up-to-the-minute transit information, demonstrating my proficiency in mobile app development, API integration, and user-centric design.

Humans vs. Zombies Simulation (C++):

Engineered a predator-prey simulation to model dynamic interactions between humans and zombies, demonstrating advanced skills in algorithm design, object-oriented programming, and system modeling. Utilized C++ to effectively manage complex entity behaviors, showcasing strong problem-solving abilities and a deep understanding of simulation dynamics.

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2024-04-08

With a diploma in IT Programming from NSCC Nova Scotia Community College and hands-on experience in developing innovative software solutions, I am excited about the opportunity to contribute to your team. My background in .NET, C#, and mobile development, alongside a proven track record of project management and problem-solving, aligns well with the qualifications you seek.

One of my recent projects, an e-commerce platform developed using C# within the .NET Framework, demonstrates my capability to design, develop, and optimize software solutions that drive business success. This project required me to implement a robust database, user authentication, shopping cart functionality, and secure payment processing, resulting in an enhanced user experience and improved website performance and security. It honed my full-stack development skills and deepened my understanding of e-commerce operations, preparing me to tackle complex challenges in the developer realm.

Additionally, my work on a real-time public transportation tracking app in Kotlin for Android Studio showcases my ability to deliver user-centric solutions and effectively integrate APIs for live data processing. This experience, along with my proficiency in languages like Python, Java, and Dart, and technologies such as React, Flask, and Node.js, equips me with a diverse skill set that I am eager to leverage in any career.

I am enthusiastic about the possibility of joining the development realm and bringing my blend of experience, dedication, and passion for technology to your team. I look forward to the opportunity to discuss how my background, skills, and enthusiasms align with the needs of your company. Thank you for considering my application. I am available at your convenience for an interview and can be reached at (902) 209 - 6001 or via email at BrentonMoxsom@hotmail.com.

Warmest regards,

Brenton Moxsom