

Brian Maleki

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PROFESSIONAL SUMMARY

Graduate of Computer Science with an interest in front-end development, looking for a position to satisfy that role. I have always been interested in both designing and programming and I am eager to further develop and apply my skills in the real world. Along with front-end work, I also have basic experience and interest in blockchain development, notably Smart Contracts, Web3.js and Solidity.

RELEVANT SKILLS

Languages	JavaScript, TypeScript, C++
Web	React, React Native, Next.js, Express, Tailwind, HTML, CSS
Database	SQL, PL/SQL, MongoDB, Db2
Other Technologies	Node.js, Git, Azure, Unreal Engine

PROJECT EXPERIENCE

Discord Bot Sep 2023 - Present

- Developed a [bot](#) that became an essential tool for a thriving community of over 400 members
- Leveraging the discord.js library, the bot was crafted entirely using JavaScript and Node.js
- Interacted with external APIs using Axios to retrieve and store data in a MongoDB database
- Implemented a function capable of extracting and storing data from an image. To achieve this, Jimp was utilized for image processing, and Tesseract.js, an OCR engine, for text extraction.

Maple Symbols Jun 2023 - Sep 2023

- Launched a [website](#) which serves as both a calculator and an information book for a game
- Designed the UI from scratch, using Tailwind CSS and custom transitions for an enhanced UX
- Built using React and TypeScript to ensure type safety and improve the developer experience
- Deployed on Firebase where it remains in beta, currently attracting an average of six daily users

Rental Property Directory Feb 2020 - Apr 2020

- Created a [website](#) where users can explore an expansive collection of rental property listings
- Rendered the UI with HTML and used Handlebars.js to manage screens and templates
- Engineered the back-end with Javascript and its associated frameworks and libraries, being: jQuery (Validation & Event Handling), and Express (Routing & User Authentication)
- Persisted data into MongoDB and performed CRUD operations via AJAX using RESTful API

EDUCATION

Seneca College, Computer Programming and Analysis Sep 2019 - Apr 2022 *Ontario College Advanced Diploma* North York, ON

Object-Oriented Development Using C++	(Multithreading, Pointers, Interfaces, Templates)
Web Programming for Apps and Services	(JavaScript, React, Node.js, Next.js, Express)
Advanced Database Services	(SQL, PL/SQL, MongoDB, Oracle)
Project Planning and Management	(Git, CBA, WBS, UML, Class Diagrams)

ADDITIONAL INFORMATION & INTERESTS

- Trilingual - Fluent in English, French and Farsi
- Avid hiker, often outdoors, slowly progressing through the 900km Bruce Trail