

# Brian Maleki

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## PROFESSIONAL SUMMARY

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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

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

## PROJECT EXPERIENCE

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**Saku (Discord Bot)** Sep 2023 - Jan 2024

- 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 - Dec 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, currently attracting an average of 12 daily users from 30+ countries

**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

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**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

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