

Brian Maleki

✉ brian@maleki.dev | ☎ (647) 444-5190 | in brian-maleki | 🌐 Hyporos | 🌐 Portfolio

RELEVANT SKILLS

Languages	TypeScript, JavaScript, C++
Web	React, Next.js, Express.js, Tailwind CSS, Storybook, HTML, CSS
Database	SQL, MongoDB, Xata, RESTful API
Other Technologies	React Native, Node.js, Jest, Git, Figma

PROJECT EXPERIENCE

Saku (Discord Bot) [🔗](#) Sep 2023 - Mar 2024

- Developed a bot that became an essential tool for a Discord community of over **400 members**
- Receives upwards of **300 database queries** per month, each being individually called by users
- Making use of the Discord.js library, the bot was coded entirely using JavaScript and Node.js
- Interacted with external APIs using Axios to retrieve and store data into 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 - Mar 2024

- Launched a website which serves as a calculator and guidebook for MapleStory, a video game
- Built using React and TypeScript to ensure type safety and improve the developer experience
- Designed the UI from scratch, using Tailwind CSS and custom transitions for an enhanced UX
- Refined the user experience with the help of suggestions and criticism from testing sessions
- Deployed on Firebase, currently attracting an average of **295 monthly 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 the screens and templates
- Engineered the back-end with Javascript and its associated frameworks and libraries, being: jQuery (Validation & Event Handling), as well as Express.js (Routing & User Authentication)
- Persisted data with MongoDB and performed CRUD operations via AJAX using RESTful API

WORK EXPERIENCE

PharmAchieve Feb 2019 - June 2019
Video Editor, Graphic Designer Toronto, ON

- Handled video editing and graphic design tasks for pre-recorded online lectures and streams
- Encoded raw video using FFmpeg for greater device compatibility and a smaller file size
- Utilized DaVinci Resolve for video cleanup, inserting text and media, and audio level balancing
- Worked with CSS to create fluid, web based animations which were imported into OBS scenes
- Uploaded final lectures and made them accessible to over **1000 students** enrolled in courses

EDUCATION

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

Object-Oriented Development Using C++	(Multithreading, Pointers, Interfaces, Templates)
Web Programming for Apps and Services	(JavaScript, React, Node.js, Next.js, Express.js)
Advanced Database Services	(SQL, PL/SQL, MongoDB, Oracle, Db2, Azure)
Project Planning and Management	(Git, Visual Paradigm, Use Cases, CBA, WBS, UML)