

Marko Bachvarovski

Junior developer

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[LinkedIn](#) | [Github](#) | [Portfolio](#)

ABOUT ME

Solutions oriented developer hungry to learn more and gain more knowledge. Adept at identifying and solving complex software solutions. Passionate about elevating the user experience through thoughtful and innovative ideas and work processes.

EXPERIENCE

Smart Brain - [LINK](#)

- Created a facial recognition app using React
- The app is connected to a facial recognition API where the user is able to submit a URL of an image and if that image contains one or multiple faces, the app will notice and put a box around them
- It incorporates an authorization process where a user must register and/or sign in to use the app
- The app is connected to a server and a database so that a user is able to access is online at any time and their info is stored in the database after the app is closed

Robofriends - [LINK](#)

- This app was my first attempt at using React and APIs
- The app takes a list of users from a JSON placeholder website and passes it to another API that gives each user a random pictures of a robot as a profile picture based on their name
- The user is able to search for a specific robot as well as scroll through all the robots

Password Checker - [LINK](#)

- This app is created solely in Python
- The user enters a password which gets encrypted using the SHA1 algorithm. The program accesses the API of "Have I been pwned?", which gives it access to all the leaks in their database. The API uses k-anonymity to ensure that the entire hash is never sent, only the first 5 characters of the hash are sent, and all of the hashes that begin with those 5 characters are returned, so the remainder of the hash is compared locally to maximize security
- If a compromised password is found, the user is advised to change their password

EDUCATION

University of Toronto,
Honours Bachelor of Science -
Computer Science

September 2019 - Present

SKILLS

Python

Java

HTML & CSS

JavaScript

React

Node.js

Express.js

PostgreSQL

NPM + NPM Scripts

RESTful APIs

HTTP/JSON/AJAX

Bootstrap

Selenium

Postman

Pip

SOFT SKILLS

Complex problem solving

Critical thinking

Able to work and fit in with teams

Excellent at time management

Approachable and patient person

Open-minded and ready to learn from superiors and peers alike