

Nikola Varicak

Toronto, ON | P: 437-324-5590 | nikolavaricak01@gmail.com | <https://github.com/ButterySpirit>

EDUCATION

George Brown College
Computer Programming and Analysis

Toronto, ON
Expected April 2025

Cumulative GPA: 3.4/4.0

Relevant Coursework: Data Analysis, Software Engineering; Operating Systems; Data Structures and Algorithms, Agile Dev, ML Algorithms

WORK EXPERIENCE

SESH Full-Stack Developer | <https://sesh.fm> Jan.2023 – Feb.2024

- Developed and maintained scalable RESTful APIs using Node.js and Express for backend services, improving performance and request handling.
- Built and optimized React-based frontend components, ensuring a responsive and user-friendly interface.
- Integrated third-party APIs and handled authentication using OAuth and JWT, enhancing platform security and user experience.

InfinityScripts React Front-End Developer | <https://www.infinityscripts.fun> Sep.2024 – Dec.2024

- Developed multiple Front-End UIs for InfinityScripts, utilizing React to create dynamic and responsive web applications. Enhanced accessibility and user experience, contributing to increased platform efficiency.
- Implemented responsive UI components, ensuring cross-browser compatibility and a smooth user experience.
- Integrated interactive elements and animations to enhance user engagement.

TECHNICAL PROJECTS 2022 - 2024

Learning Path Creator

- Designed and created a web application using PHP HTML CSS and JavaScript to help users create and share paths for learning and developing new skills.

React-Native Restaurant Application | <https://snack.expo.dev/@butteryspirit/g21finalimplementation>

- Built a responsive, interactive app for restaurant management that integrates location services and data persistence using Expo for React-Native.
- Integrated Autocomplete API and Place Details API for restaurant suggestions and retrieval of detailed information.

Travel Booking Web Application

- Created a .NET Microsoft CORE Entity FRAMEWORK MVC C# web application where users can book flights, hotels, and car rentals across Canada.
- Incorporated user authentication and Registration using IdentityCore, as well as pages for authorized users.
- Deployed using Azure.

Real Time Chat Room

- Using the MERN stack created a chat room application where users can join or create a chatroom of interest and converse with other users in real time.

PROJECTS AND ACTIVITIES

- Published Android app using React Native Framework, designed to help guitarists improve their chord recognition.
- Developed various Python video games using various libraries Pygame, Pyglet and Pymunk
- Loaded .TMX files in python using Pyglet library.

TECHNICAL SKILLS

- Advanced in SQL, PHP, JavaScript, HTML/CSS; Proficient in C#, Python, Java, React, React-Native, Node.js, Mongodb, Springboot, REST API, Docker, PostgreSQL, Jenkins, Swift, AWS, Azure