

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

InfinityScripts React Front-End Developer |

Sep.2024 – Present

Developed multiple UIs for InfinityScripts, utilizing React to create dynamic and responsive web applications. Enhanced accessibility and user experience, contributing to increased platform efficiency. The web page generates thousands of dollars in revenue and attracts thousands of visitors, underscoring its impact and reach. <https://infscripts.netlify.app>

Student Painter - Self Employed |

May 2022 – Sep.2022

Successfully commissioned a variety of interior painting projects within the local community. Consistently delivered high-quality results, leading to a 95% customer satisfaction rate.

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.
- Led project team skillfully and achieved highest possible grade.

React-Native Restaurant Application |

- Built a responsive, interactive app for restaurant management that integrates location services and data persistence using Expo for React-Native. <https://snack.expo.dev/@butteryspirit/g21finalimplementation>
- Integrated Autocomplete API and Place Details API for restaurant suggestions and retrieval of detailed information (address and contact details).

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 created pages for authorized users.
- Incorporated Unit Testing to ensure adherence to best practices.
- Deployed using Azure.

Payroll Manager Application |

- In a 3-person team, created a simple Java GUI application designed for helping companies manage their payrolls for their employees with ease.

PROJECTS AND ACTIVITIES

- Published Android App Using React Native Framework, designed to help guitarists improve their chord recognition by playing an audio file and then quizzing the user on what chord was played.
- Developed 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