Isabella Burin

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TECHNICAL SKILLS

Languages: C#, HTML, CSS, JavaScript, SQL, C++, Java
Frameworks/Libraries: React, Angular, Node.js, Express.js, Bootstrap, jQuery, AJAX
Tools & Platforms: Git, Azure DevOps, NPM, Visual Studio Code, SharePoint, Power Automate, Power Apps, Figma
Technologies: ASP.NET, Razor, MVC

EXPERIENCE

I&IT Web/Application Developer Intern | Ministry of Public and Business Service Delivery | January - April 2024
- Developed **6** new frontend features for a **React** and **Node.js** based website, for admins to manage resources as well as optimizing previous admin features by **17%**
- Executed **SQL** updates to improve data integrity by **20%**, ensuring optimal database operations
- Developed frontend features enhancing user interaction by **35%** using **JavaScript**, **jQuery**, and **Razor** in a **.NET MVC** framework
- Integrated **Microsoft Graph API** using **C#** to develop **RESTful APIs**, enabling seamless data management and efficient integration throughout **Azure platforms**

Junior Technical Analyst Intern | Ontario Ministry of Transportation | May - August 2023
- Developed dynamic landing pages and feedback components using **C# .NET** and **Angular**, boosting user engagement by **20%**
- Created advanced **data models** for an audit tracking system, improving data traceability by **30%**
- Developed and customized **SharePoint** sites for various teams, integrating automated workflows using **Power Automate** to streamline processes and reduce manual tasks by **40%**, improving overall efficiency
- Engaged in **scrum** meetings to track work item progress and proactively resolve issues

Call Representative | KGS Research | 2021 - 2022
- Conducted phone surveys and utilized data entry skills to complete reports efficiently
- Demonstrated strong **communication** and professional phone etiquette during customer interactions

PROJECTS

Food Service Website • Capstone Project
- Designed and developed a dynamic website for a meal delivery service which used **Agile** methodologies for efficient management
- Implemented a full-stack solution using **MongoDB**, **Express.js**, **AngularJS**, and **Node.js** to manage user data, meal selections, and customer feedback, ensuring a responsive and intuitive user experience

Package Assembly Line Simulator
- Simulates an assembly line completing orders from inventory and manages the order processing through a set of stations
- Implemented complex **C++** systems utilizing advanced features like move and copy semantics, OOP, class templates, and STL algorithms while ensuring memory safety through smart pointer integration

Weather App
- Developed a dynamic **React (HTML, CSS, and JavaScript)** weather application using **Axios** to retrieve real-time data from the **Open Weather API**
- Displays weather information for the user's current location, includes a city search feature, and stores recently viewed cities

EDUCATION

Honours Bachelor of Technology - Software Development, Seneca Polytechnic
- 3.8 out of 4.0 GPA
- Courses: Data Structures and Algorithms, Web Programing Tools and Frameworks, Design Patterns in UML, Mobile Applications, Principles of GUI Design and Programing

HACKATHON

OPS and Microsoft 2024 Hackathon
- Participated in the OPS and Microsoft 2024 Hackathon, collaborating on a prototype job search portal using Microsoft Power Apps and Power Pages finishing in the top 5

AWARDS
- Three-time recipient of President's Honour List Award
- Received The Seneca BSD Scholarship