Michael Werbowy

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SKILLS

Languages: Java, Python, Kotlin, C, C++, C#, JavaScript, SQL, Ruby, Swift, Angular, Dart, Bootstrap
Frameworks: SharePoint, Microsoft Platforms, GitHub, React Native, ASP.NET Core, Springboot, Flutter
Databases: SQL Server, SQLite, Firebase
Tools: Git, Node.js, Flutter, jQuery, .NET, NPM, XCode, Android Studio

EXPERIENCE

Fabrication Lab IT Operator   September 2023 – Present
Sheridan College

- Maintained the trotec Speedy 300 and trotec Speedy 400 to ensure long-lasting functionality
- Conducted quality control checks to ensure the safety and accuracy of the cuts
- Collaborated with students and staff to minimize downtime by 300% during high appointment traffic
- Implemented a graphical model of 5000+ PHP user requests spanning from 2016 to 2023 which averted the shutdown of Fabrication Lab

Full Time Tech Support   May 2022 – July 2022
Hamilton General Hospital, Hamilton ON

- Provided crucial Go-Live support during a 4-week contract period, ensuring a seamless transition to the EPIC system
- Assisted over 60+ healthcare providers and non-providers mastering the newly deployed EPIC software

PROJECTS

SheridanBNB - Source Code   January 2024

- Co-engineered an iOS app using that searches for classroom availability across Trafalgar campus at Sheridan College
  - Employed Firebase as the database for storing classroom information and their corresponding timeslots

Spotted - Source Code   December 2023

- Developed an iOS app with WatchOS integration which enhances pet owners' quality of life and their relationship with their companions
  - Implemented Google Places API and Apple MapKit for efficient routing and precise location identification
  - Provided customized search filters for users to optimize search results depending on each pet's details
  - Deployed Firebase as source database and optimized the user traffic by over 100%

Life Liberator - Source Code   November 2023

- Designed an ASP.NET Core web application using SQL Server that enables tech professionals to better manage their schedule and use their available timeslots to create projects that can help hone their skills
- Implemented an algorithm in C# that can automatically generate a project idea based on user's programming proficiency level

EDUCATION

Honours Bachelor's Degree in Computer Science (Mobile Computing)   September 2021 – Present
Sheridan College, Oakville

Computer Science, Mathematics & Statistics (HBSc)   September 2020 - May 2021
University of Toronto, Mississauga