

Sydney Turnbull

Full Stack Software and Web Developer

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EDUCATION

Bachelor of Computer Science (General) Bachelor of Arts (Honors) Law and Justice/English

Algoma University

September 2013 - April 2017

EXPERIENCE

Full Stack Software Developer

Nexsan Inc (A subsidiary of StorCentric Inc)

November 2020 - Present

Developing and maintaining replication and backup software utilizing React, Redux, and Electron with a C++ back end.

Planning, Scheduling, Creating, and Implementing intuitive, aesthetically pleasing dashboard interfaces to allow users to better manage system files and backups.

Working as a team in an agile environment to develop new applications while maintaining existing ones.

Full Stack Developer

Exactus Energy Inc

August 2020 - November 2020

Developed and maintained a suite of internal applications to help standardize workflows while creating efficiency across all teams.

Utilized C#, Python, Django and Angular to develop applications hosted on Google Cloud Platform, as well as some desktop hosted applications.

Created and integrated PostgreSQL database schemas to further development of sustainable, futureproof applications.

Software Developer

Canadian Bank Note Company Ltd.

April 2018 - August 2020

Worked as a team in an Agile environment to develop responsible gaming web applications using a React+Redux front end with a node.js RESTful microservice architecture core, which utilized a redis data store and multiple SQL Databases.

Modernized and integrated existing C# asp.net applications into the structure and functionality of new responsible gaming web applications.

Researched, updated and developed SQL database designs to function alongside both new and pre-existing applications.

Utilized TFS and TFVC for project management alongside GoCD pipeline deployments for both linux and windows based applications.

SKILLS

React Native, React+Redux, Angular

Working experience utilizing various front end frameworks to develop dynamic web applications that use an extensive amount of frequently changing, interactive data.

C#/.NET Knowledge and experience developing C# web applications, desktop applications, and services.

HTML/CSS/SASS/Bootstrap

Proficiency in creating both static and dynamic web pages by utilizing HTML aside varying libraries and resources.

SQL/Linq/PostgreSQL

Experience in the design and implementation of SQL and MySQL database structures.

Redis Understanding of redis concepts and proficient in utilizing redis storage to develop web applications.

Node.js Ample years of working experience with developing in Node.js to create lightweight RESTful microservices for event driven applications.

Google Cloud Platform

Experience creating, maintaining and deploying projects to GCP.

Version Control (Git, TSVC)

Knowledge and understanding of Git as well as TFVC both of which I have used while managing versioning for all sizes of projects and teams

Junior Developer and Designer

Sault Ste Marie Innovation Center

April 2017 - April 2018

Worked as a team to convert legacy software into C#/Razor web applications while utilizing MVC principles, agile methodologies, and Git version control.

Created and implemented wireframes according to documentation as well as client specifications.

Utilized knowledge and understanding of core UX concepts in order to design and present seamless, modern, and attractive user experiences.

Met with clients to develop guidelines according to the client's preferences and needs.