

Joshua Stubbington

Software Developer, Mechanical Engineering Graduate

I am an engineering graduate with a passion for programming and software development. I am currently working for a manufacturing company in Ottawa developing web services and other software applications to improve the company's productivity and drive new business. My interests include working with diverse teams to solve problems, project management and software development.

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📍 Ottawa, Canada

🌐 ayfor.github.io/portfolio/

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SKILLS

Project Management

Object-Oriented Programming

Full Stack Development

MERN Stack

Angular

TECHNICAL SKILLS

Software

Experienced in developing novel applications in Angular and .NET (C#) with education in Java, JavaScript, HTML and CSS.

Communication

Cooperated with CEO to provide daily updates, regular progress report meetings and documentation for completed work.

Documentation

Created software description documentation that details the high-level objectives of new applications effectively to peers and superiors.

Organization

Organized and maintained large-scale project documentation and presented the information to lead engineers regularly.

WORK EXPERIENCE

Software Developer for Product Configurator

Enclosures Direct Inc.

01/2020 - Present

Ottawa, Ontario

Tasks

- Developed a novel web application using Angular, JavaScript and other third-party libraries to enable customers to customize a product online with a 3D Model preview that updates in real-time.
- Created documentation for new algorithms and applications in order to communicate technical content to peers and management which improved subsequent workflows and problem solving during development.
- Hired and managed contractors to complete back-end components to integrate with a front-end web application as well as a hosted console application.
- Developed a standalone console application using the .NET Framework (C#) and SolidWorks API to configure parameterized models based on JSON data and generate files for customer and engineering design requirements.

EDUCATION

Coding Boot Camp

Carleton University and Trilogy Education Services

02/2021 - Present

Courses

- MERN Stack (MongoDB, Express.js, React.js and Node.js).
- Database Theory.
- Object-Oriented Programming.
- Command line and Git Repository Management.

BEng, Mechanical Engineering

Carleton University

09/2014 - 04/2019

Ottawa, Canada