
/ About /

An experienced freelance developer and designer with a focus on web technologies. Passionate about creating great things and always looking to learn new skills.

/ Skills.dev /

Skill	Proficiency
HTML	<i>strong</i>
CSS	<i>strong</i>
Typescript	<i>strong</i>
Vue/Nuxt	<i>knowledgeable</i>
React	<i>strong</i>
Node JS	<i>strong</i>
Rest	<i>strong</i>
GraphQL	<i>knowledgeable</i>
MySQL	<i>knowledgeable</i>
NoSQL	<i>knowledgeable</i>
Git	<i>strong</i>

/ Skills.des /

Skill	Proficiency
Inkscape	<i>strong</i>
Figma	<i>strong</i>
Gimp	<i>strong</i>
Blender	<i>knowledgeable</i>
Tailwind	<i>strong</i>

/ Work /

SEO_Engineer

@ Freelance - Insight Mental Health
January 2024 / April 2024

- > Conducted a full website audit to identify both technical SEO deficiencies as well as website performance specific issues.
- > Optimized pages for key performance metrics including total blocking time, largest contentful paint, and first contentful paint.
- > Implemented page caching for improved loading speeds.
- > Updated image assets to modern formats.
- > Optimized on page elements for improved search engine visibility.
- > Optimized website content to be SEO friendly.
- > Achieved overall website speed increase by upwards of 50%

Web_Developer

@ Freelance - Nova Scotia
September 2022 / November 2022

- > Comprehensive full website redesign bringing it up to modern standards optimized for mobile.
- > Implemented the redesign using Tailwind CSS for the UI and Jekyll as the static site generator.
- > Performance gains upwards of over 60% through image optimizations and initial load optimizations.
- > Implemented site wide SEO best practices.
- > Developed a lightweight lightbox component and integrated it with the website build system.
- > Visit the live website at connorbell.ca

/ Education /

IB Diploma / High School Diploma

Horton High School

Wolfville, Nova Scotia

January 2014 / July 2019

IT Web Programming*

NSSC Institute of Technology

Halifax, Nova Scotia

September 2023 / April 2025

** Incomplete*

/ Work.continued /

Web_Developer

@ Freelance - Nova Scotia

June 2021 / October 2021

- > Designed and implemented an artist portfolio website in accordance with the clients specifications.
- > Utilized Tailwind CSS for the UI and Nuxt JS as a static site generator.
- > Implemented Netlify CMS for a streamlined workflow for managing website content.
- > Visit the live website at www.shushanacaplan.art

Full_Stack_Developer

@ GoodGoodsCAN - Nova Scotia

June 2020 / February 2021

- > Developed a demo for a multi-vendor e-commerce web application to be used for funding pitches.
- > Implemented user authentication and profiles, a filtered product feed, and a backend content management tool.
- > Utilized Nuxt JS for server side rendering of the application, and Firebase cloud computing services for the application backend.
- > A demo of the project can be found at www.goodgoods.ca

/ Work.continued /

Full_Stack_Developer

@ Spark West Network - Nova Scotia

February 2017 / January 2019

- > Co Founded an umbrella marketing company for rural entrepreneurship in the Annapolis Valley area.
- > Assumed the role of lead developer creating an initial web application for event hosting.
- > Subsequently, contracted for a complete site overhaul post-departure from the company.
- > Utilized Nuxt JS for server side rendering of the application, and Firebase cloud computing services for the application backend.
- > Visit the live site at **www.sparkwest.network**

Full_Stack_Developer_Internship

@ Henry Schien - Nova Scotia

July 2017 to August 2017

- > Developed a proof of concept for a web based multi modal authentication system.
- > Utilized machine learning for both facial detection and voice recognition.
- > Tensorflow JS was used for facial detection. Facial and voice recognition was done using Tensorflow and Keras in a Python environment.
- > You can find the project repository at:
www.github.com/maxcaplan/Multipart-Authentication

/ Volunteering /

Beginner Godot Course, Refresh Annapolis Valley

@ Refresh Annapolis Valley - Nova Scotia

February 2023 to April 2023

This course, hosted by Hoist Annapolis Valley, was created and taught by myself as a 6 session bootcamp for 2 cohorts of students ranging from grades 6 through 12. The course went over the fundamentals of programming, game design, and game development through hands-on learning. Participants created a basic 2d platforming video game in the Godot game engine over the span of the course.

You can find more details on the course at:

www.refreshannapolisvalley.org/event/hoist/video-game-development-with-godot/

/ Volunteering.continued /

Hoist Annapolis Valley, Refresh Annapolis Valley

@ Refresh Annapolis Valley - Nova Scotia

Jan 2017 to August 2019

Hoist Annapolis Valley was a monthly workshop for teens hosted by Refresh Annapolis Valley. The workshops would feature a new topic each month in the fields of technology, design, and entrepreneurship. Guest speakers would regularly run workshops sharing their professional experience. I volunteered as one of the main organizers of the project, as well as a mentor, and a presenter.

You can find more details on Hoist Annapolis Valley at:

www.refreshannapolisvalley.org/project/hoist

Creative Computing, Refresh Annapolis Valley

@ Refresh Annapolis Valley - Nova Scotia

Jan 2017 to August 2019

Creative Computing was a project of Refresh Annapolis Valley that aimed to bring STEAM education to kids between the ages of 8 and 13. The project took the form of single day workshops, multi week courses, summer camps, and a two day hackathon. I volunteered with Creative Computing as mentor, camp counselor, and later as a camp organizer in charge of planning, developing, and running camp activities.

You can find more details on Creative Computing at:

www.refreshannapolisvalley.org/project/creative-computing