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Education:

Web Development Diploma   2022

Concordia University, Montreal, QC

Learned how to develop full stack web applications using the MERN stack. Created responsive and user-friendly front-end interfaces using HTML, CSS, JavaScript, and React.js. Built and integrated RESTful APIs using Express.js and Node.js to perform CRUD operations on MongoDB databases. Used version control and collaboration tools such as Git and GitHub. Followed web development best practices, such as code quality, testing, debugging, and documentation.

Bachelor of Sport and Fitness Leadership - *With Distinction*   2013-2017

Sport Management Diploma

Camosun College, Victoria, BC

Business Management Certificate   2013-2015

Camosun College, Victoria, BC

Relevant Work Experience

Software Developer   Jan 2023 - Present

As a versatile software developer, I successfully engineered and maintained several e-commerce websites using a comprehensive tech stack including Python, JavaScript, WordPress, Next.js, React, PHP, and Node.js/Express, focusing on scalable and robust solutions. I optimized database operations with SQL, T-SQL, GraphQL, and NoSQL, and led the development of five distinct websites, including Precision Cruising Accessories and CDI Furlers, utilizing WooCommerce, Next.js, and custom API endpoints. My expertise in backend development was further demonstrated through the use of Express.js and Node.js for server-side logic. For the front-end, I used Styled Components and Tailwind CSS alongside React and Radix and Shadcn UI to create responsive and aesthetically pleasing interfaces. I integrated key analytics tools like Google Analytics, Google Search Console, and Google Tag Manager, enhancing user engagement and website performance. My role also involved project management, SEO optimization, and hosting administration on platforms like Kinsta, Render, Vercel, and Netlify. Managing cloud-based data on Google Cloud, including BigQuery and Firestore, and Google Workspace and ensuring system integrity through regular backups and staged deployments were also part of my responsibilities. As the sole developer, I innovated with features such as a product recommendation quiz, significantly improving the e-commerce experience.

Key Projects

McMillan Farms (mcmillanfarms.ca)

- **Stack**: Next.js
- **Description**: Developed a comprehensive web application for McMillan Farms, encompassing features like a photo gallery, event calendar, and field-trip sign-up to enhance user education and interaction.

Slam Dunk Movies (slamdunkmovies.com)

- **Stack**: Next.js, Sanity.io
- **Description**: Created and managed a dynamic blog site for movie news and reviews, focusing on user-friendly navigation and dynamic content rendering for improved engagement.

**Shop - McMillan Farms
(Shop.mcmillanfarms.ca)**

- **Stack**: Next.js, Swell.is
- **Description**: Led the development of an e-commerce application for McMillan Farms, integrating Stripe for secure payments and Google Maps for location services.

**Precision Cruising Accessories
(precisioncruisingaccessories.com)**

- **Stack**: Next.js, Builder.io, Swell.is
- **Description**: Developed an e-commerce platform for sailing accessories and equipment, featuring PayPal and Swell.is integration for streamlined online transactions.

Precision Sail Loft (precisionsailloft.com)
- **Stack**: WordPress, SQL, PHP, WooCommerce
- **Description**: Enhanced and maintained a web application for custom sail orders, incorporating features like instant quoting, live chat, and testimonials to highlight customer service.

CDI Furlers (cdifurlers.com)
- **Stack**: Next.js, WooCommerce
- **Description**: Engineered a high-performance e-commerce site using headless architecture, focusing on scalability and dynamic product display, with an emphasis on modern e-commerce solutions.

Inflatable Boat World (inflatableboatworld.com)
- **Stack**: WordPress, SQL, PHP, WooCommerce
- **Description**: Managed content creation and SEO for a platform specializing in inflatable boat reviews, including maintenance tips and buying guides to enhance user experience.

Cover Letter Generator (cover-letter-generator.vercel.app)
- **Stack:** Next.js, V0.dev, Chat GPT-4, Supabase
- **Description:** Engineered 'Cover Letter Generator', an innovative web app that automates personalized cover letter creation. Leveraged Next.js for front-end robustness, V0.dev for UI/UX design, and Chat GPT-4 for analyzing resumes and job postings. This tool significantly enhances the job application process by generating custom cover letters aligned with applicant profiles and job requirements.

Prior Work Experience
PISE (Pacific Institute for Sport Education)

In each of these roles, I led a team overseeing the delivery of fun, engaging physical literacy programs for children and youth. I was responsible for training staff, whilst ensuring a fun, collaborative work environment, allowing me to enhance my interpersonal skills. I developed excellent time management, decision-making, project management and problem-solving skills in these roles.

- **Coordinator of Physical Literacy Development**   Jan - Aug 2021
- **Physical Literacy Supervisor**   2018 - 2021
- **Physical Literacy Leader**   2015 - 2018

Relevant Course Experience

University of Victoria, Victoria, BC   2021-2022
Fundamentals of Programming I and II
introduction to designing, implementing, and understanding computer programs using an object-oriented programming language; introduction to computing and problem-solving, selection and iteration, arrays and collections, objects and classes, top-down design, and incremental development.
World Wide Web and Mobile Applications
Introductory course to WWW and front-end application development; learned how to create dynamic web applications; introduced to W3C Standards, HTML5, CSS, JavaScript, Web Page Design tools, Multi-Media, Dynamic Web Content and Web Application Development Tools and Technologies.
Udemy, Online   Sept 2022
Beginning C++ Programming - From Beginner to Beyond