

Andrew McMillan

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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

Developed various e-commerce sites using a variety of languages and frameworks, such as Python, JavaScript, WordPress, Next.js, React, Express, Node, Swell.is, Builder.io and more. Developed, tested and implemented plugins both existing and custom, as required, implemented/integrated new functions and tables into the database application, performed maintenance, debugging, and troubleshooting of existing functionality. Developed an understanding of the workflows in order to create efficient code, organized tasks based on importance, took input to improve user experience, maintained and launched new development projects across WordPress sites. Managed web development contractors on special projects as needed, worked with various departments on IT projects. Used Google CL, Google Cloud and other Google APIs and services, such as Gmail, Google Workspace, Drive, Calendar, Maps, and more. Accessing and manipulating data on Google Cloud, such as BigQuery, Cloud Storage, Firestore, and more. Optimizing the content around specific keywords and topics, using relevant headings, titles, meta tags, images, and links by analyzing the performance and results of their SEO efforts, using tools such as Google Analytics, Google Search Console, and Ahrefs. Hosted web applications and websites on Kinsta, Render, Vercel, and Netlify. Performed regular backups and deployed staging environments. Comfortable with CDN, SSL, serverless functions, edge caching, preview deployments, custom domains, continuous deployment, forms and identity. Used HTTP methods to perform CRUD operations on a database through an a variety of API endpoints.

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