**Andrew Milner** 

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# **EDUCATION**

**Concordia University** 

Dec 2022

Diploma in Full Stack Web Development

**Nova Scotia Community College** 

June 2016

Diploma in Information Technology

Saint Mary's University

June 2014

Bachelor of Commerce

### PROFESSIONAL EXPERIENCE

EVO Payments
Feb 2021 - May 2022

Manager, Warranty & Tier 2 Tech Support

- Designed and implemented an app to track software licenses using SQL, VBA, and PowerShell scripting, saving over \$100,000 per month in tracking and terminating unused licenses
- Reduced warranty replacement turn-around time from 6 days to 48 hours within the first month of starting the position
- Eliminated a consistent warranty backlog of ~150 units per day, resulting in zero backlogged units per day on average
- Automated certain tasks in Excel using VBA coding

MindGeek
Aug 2020 - Jan 2021

Tech Support for Online Game

- Performed basic CRUD actions, such as resetting passwords, editing player currency, changing names, and editing player stats and inventory
- Verified bug reports from users and helped recover stolen/hacked accounts
- Developed a strong knowledge of payment processing back-end to locate fraudulent charges
- Utilized multiple CMS platforms for the multitude of games supported

**SuWu** April 2019- Feb 2020

Executive Sous-Chef

- Managed a team of 8 line cooks in a restaurant for evening service 6 days a week, responsible for inventory, ordering, sales tracking, staff training, catering events, and new menu development
- Successfully worked with local media and influencers to increase the restaurant's profile and bring in new customers

Nuvei Technologies Feb 2018 - March 2019

E-Commerce & POS Tech Support

- Assisted business owners with customer service and tech support inquiries related to their card reader, POS, and e-commerce
- Tested the latest software and hardware in the card processing industry before widespread launch
- Trained in the company's first wave of e-commerce integration support, assisted new e-commerce merchants as an ambassador for the new service

#### SOFTWARE PROJECTS

# ${\bf Merchant\ Transaction\ Portal\ -\ } \underline{{\bf merchant\ -viewer.onrender.com}}$

March 2023

- Developed a Merchant Portal using React for the frontend, PHP for the backend server, and a MySQL database hosted on AWS.
- Designed a RESTful API using PHP to handle requests from the frontend and view data from the MySQL database.
- Hosted PHP server on Heroku, React frontend hosted on Render. Database seeded via MySQL Workbench.

# JSON Web Token - token-crud-test.onrender.com

Feb 2023

- JSON Web Token Authentication service written in Node.js and hosted on Render.com
- Provides different user permissions that can be used to manipulate a PostgresSQL Database hosted on ElephantSQL
- Database seeded with test data. The auth server is publicly accessible and can be used in real time to test the database

#### Encore - encore-project.onrender.com

Dec 2022 - Jan 2023

- Full Stack MERN app for displaying concert setlists and crowd-soruced videos from live events
- Utilized Node.js and Express.js for the backend to consume music APIs and gather live setlist data, Map APIs for location, etc.
- Utilized REST APIs to update information in real-time, displaying setlist songs and YouTube videos of the show
- Incorporated Autho for user login, providing the ability to save favorite setlists in a MongoDB database
- Styled using Styled Components, demonstrating an understanding of CSS fundamentals

# NordTech - <u>nordtech-project.onrender.com</u>

Nov 2022

- Constructed the backend using Node.js and Express.js, contributed to the frontend using React
- Wrote custom APIs to query MongoDB and pull inventory information

#### PROFESSIONAL SKILLS

- Languages: JavaScript, PHP, SQL, CSS, HTML
- Libraries and Frameworks: React.js, Express.js, Node.js, Bootstrap, Tailwind, Axios
- Databases: MongoDB, MySQL, PostgresQL
- Web Development: REST APIs, JSON, JWT / User Authentication
- Development tools: Git, Linux, API Clients (Postman, Insomnia), SQL Workbench
- Deployment and Hosting: AWS, DNS, Vercel, Docker, ElephantSQL