Alice Moradiya (He/him)

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EDUCATION

BSc. in Information Technology, Concordia University of Edmonton.   January 2021 – Present

- **Computer programming, Software development, web development, database management, networking, data security**.

SKILLS

- **Data Structures and Algorithms (DSA)**
  Able to work with and build data structures like **stacks**, **queues**, **sets**, **maps**, **trees**. Experience working with algorithms like **Bubble sort, BFS, DFS, Binary Search.**

- **React.js / RESTful APIs.**
  Experience working with **React** applications using **APIs.** Able to work with **Redux** for state-management.

- **My SQL / AWS**
  Able to write **SQL Queries** for **CRUD** operations and establish the connection between the application and database.

- **C / C# / C++ / Java / Python**
  Experience building various **console applications** using **python, C** and **C++, Java**. Able to work with the **object-oriented (OOP)** methodology using **C, C++,** and **python.**

- **HTML / CSS / JavaScript/ Bootstrap**
  Have worked with **HTML**, **CSS,** and **JavaScript** to build static and dynamic websites.

- **PHP**
  Basic understanding of **PHP** and **.NET** frameworks.

EXPERIENCE

Software developer/Analyst intern, TECHESHTA.   July 2019 – March 2020

- Collaborated with users to understand their unique software needs and developed **customized solutions, resulting in a 25% increase** in user adoption and improved overall software functionality.
- Developed web and mobile applications from scratch using **HTML**, **CSS**, **JavaScript,** and various frameworks like **.NET.**
- Worked with **REST Api** and **My SQL** to manage Databases. Developed SQL queries to perform **CRUD operations**.
- Branching, pushing, and merging code on **GIT**, while maintaining **SDLC** and **CI/CD pipeline**.
- Worked in **Agile** and fast-paced work environment including daily **stand ups/SCRUM meetings and sprint planning.** Familiar with the **SDLC environment.**

PROJECTS

SortMaster - Interactive Sorting Algorithm

- **React.js, HTML, CSS, and JavaScript.**
- An interactive web application visualizing various **sorting algorithms** in real-time.
- Implemented user selection for algorithms (**Bubble Sort, Insertion Sort, Heap Sort, Merge Sort, Quick Sort**) and customization options (**array size, sorting speed**).
- Application with an educational focus, aiding users in understanding sorting processes effectively.

Restaurant Website

- A **fully responsive Website** using **HTML, CSS, JavaScript, and Bootstrap**.
- **Hosted** the website at one platform.
- Dedicated to continuous **learning and improvement, constantly enhancing** the website to deliver an even more delightful and seamless user experience.

ACTIVITIES

- Along with software development I have been involved with **competitive programming**. I have over one year of experience on online coding platforms like **LeetCode**. With these experiences I have **developed data structures and algorithms skills** to solve complex problems.
- **Prompt engineering course by Andrew Ng**