

Aikamdeep Malhotra

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Education

Bachelor of Software Engineering (4th year)

University of Western Ontario, London ON

September 2019-Present

- Dean's Honor List (**GPA: 3.7/4.0**)
- **Relevant Courses:** Software Design, Database Management Systems, Algorithms & Data Structures, Software Requirements & Analysis, Software Project & Process Management & Business Analysis for Engineers

Work Experience

Software Engineer Intern

Dillon Consulting Ltd., Remote

May 2022-Present

- Developing, enhancing, and maintaining **2** internal company software using **ASP.NET Core** through **Agile Development Methodology**
- Building frontend with **React** and utilizing the **Axios** library for **HTTP requests** to the backend server
- Constructing various **Stored Procedures, Views**, and complex **T-SQL queries** in **Microsoft SQL Server**

Application Developer

Equestrian Show Manager, Remote

May 2021-May 2022

- Developed **Full-Stack** features for the company's show management software with an experienced team using **Scrum Agile Methodology** to rapidly iterate
- Addressed regular production bugs and improvements in the existing **Ruby** application using **Jira Software** to prioritize issues
- Utilized Rails Internationalization (**I18n**) library for interpolation and creating custom localizations to build application in English and French; initial release increased customer satisfaction by over **60%**

Skills

- Languages: **JavaScript, TypeScript, Ruby, Java, C# & Python**
- Web Frameworks & Libraries: **Ruby on Rails, .NET Framework, jQuery, React, React Native & Expo**
- Databases: **PostgreSQL, MySQL, Microsoft SQL Server & MongoDB**
- Software Version Control System: **Git & SVN**
- Strong Knowledge & Command of **Object-Oriented Methodologies, Software Design Patterns & UML**
- **D.E.L.F. B2** Certificate in French

Projects

Sorting Algorithms Mobile Application

December 2021-April 2022

- Designed wireframes using **Figma** for a mobile application intended to teach users several sorting algorithms in an interactive way
- Integrated various user metrics stored in **Atlas** to show the user's progress and achievements through different levels
- Languages/Tools: **Expo, GraphQL & MongoDB**

Database Management System Web Interface

September 2021-December 2021

- Designed and developed a web interface using **Express** and **React** showcasing various **SQL functionalities** created from a relational schema
- Languages/Tools: **Node.js, Express, React, Axios & MySQL**