

Aikamdeep Malhotra

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Education

Bachelor of Software Engineering (4th year)

University of Western Ontario, London ON

September 2019-Present

Expected: April 2023

- Dean's Honor (**GPA: 3.7/4.0**)

Work Experience

Full-Stack Application Developer

Equestrian Show Manager, Remote

May 2021-April 2022, September 2022-Present

- Developing new features and addressing production bugs for the company's show management software with an experienced team using **Scrum Agile Methodology** to rapidly iterate
- Integrating Rails Internationalization (**I18n**) **API** for interpolation and creating custom localizations to build application in English and French; initial release increased gross revenue by over **20%**
- **Language/Tools: Ruby on Rails, PostgreSQL, React & Heroku**

Software Engineer Intern

Dillon Consulting Ltd., London ON

May 2022-August 2022

- Applied **UML Methodologies** to design **Use Case, Activity and ER Diagrams** to model requirements discussed with a Company Partner for a newly proposed acquisitions/merger managing tool
- Developed **2** different internal applications using the **MVC** architecture and **Entity Framework**
- **Language/Tools: ASP.NET, C#, JavaScript & SQL Server**

Co-Founder

Autosy Inc., Remote

January 2021-June 2022

- Founded Startup focussing on a P2P car sharing marketplace where car owners could rent out their vehicles to other users, while generating income on the side
- Participated in all aspects of business development from market research and finance to operations and developing **PoC**, ensuring the company's vision and goals were followed
- **Language/Tools: Node.JS, React Native, PostgreSQL, Google Cloud Platform & Firebase**

Skills

- **Languages:** JavaScript, TypeScript, Ruby, Java & C#
- **Web Frameworks & Libraries:** Ruby on Rails, .NET Framework, React, React Native & Express
- **Databases:** PostgreSQL, MySQL, SQL Server & MongoDB
- **Tools:** GCP, AWS, Heroku, Expo, Firebase, Git, SVN, Figma & Canvas
- Strong Knowledge & Command of **Object-Oriented Methodologies, UML Diagrams & Software Design Patterns**

Projects

Sorting Algorithms Mobile Application

December 2021-April 2022

- Designed wireframes using **Figma** for an application intended to teach users about several sorting algorithms through an interactive interface
- Developed native application using various **React Libraries** and **Expo** to ensure compatibility for **IOS** and **Android**

Database Management System Web Interface

September 2021-December 2021

- Designed and developed a web interface using **Express** and **React** showcasing various **Stored Procedures, Views, Triggers and Transactions** created from a relational database