

Aikamdeep Malhotra

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Education

Bachelor's in Software Engineering (3rd 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, Networking: Principles/Protocols/Architecture, Software Project & Process Management, Scripting Language Fundamentals & Business Analysis for Engineers

Work Experience

Application Developer

Equestrian Show Manager, Remote

May 2021-Present

- Working with an experienced team to develop **Full-Stack** features for company's show management software using **Scrum Agile Methodology** to rapidly iterate
- Addressing regular production bugs and improvements in the existing **Ruby** application using **Jira Software** to prioritize requirements
- Using 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%**

Manager on Duty

Loblaw Companies Ltd, London ON

April 2019-September 2020

- Maintained excellent customer relations by ensuring the provision of efficient and friendly service at all times
- Managed and lead on average **50 employees** to work as a team and strive towards company goals
- Handled customer emergencies and complaints in the absence of store managers

Skills

- Languages: **Java, Ruby, JavaScript, Python, C++ & C#**
- Modern Web Frameworks & Libraries: **Ruby on Rails, React, Django, Express, jQuery & Node.js**
- Databases: **PostgreSQL, MySQL & MongoDB**
- Software Version Control System: **Git**
- Strong Knowledge & Command of **Object-Oriented Methodologies, Software Design Patterns & UML**
- **D.E.L.F. B2** Certificate in French

Projects

Database Management System Web Interface

September 2021-December 2021

- Created a list of design constraints/objectives with a team and built a relational schema in **BCNF form** to meet project requirements
- Designed a web interface using **Node.js** showcasing various complex **SQL functionalities** including **Triggers, Transactions, Views, and Procedures**
- Languages/Tools: **Node.js, Express, React, MySQL & NPM**

Personal Website

May 2021-June 2021

- Utilized **React Hooks, React Styled Components, React DOM**, and other libraries to enhance the overall design of the website to achieve superior consistency across multiple platforms
- Reused various UI components to ensure codebase is simpler and development is faster
- Conducted **A/B testing** to identify bugs and UI improvements
- Languages/Tools: **JavaScript, React & NPM**