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Aikamdeep Malhotra

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Summary

A Software Engineer graduate with 2+ years of experience developing software solutions. Passionate about tackling complex challenges in a dynamic organization that values creative thinking and technical excellence. A collaborative team player excelling in cross-functional environments, delivering tailored software to meet end-users' needs. Seeking opportunities to contribute to company success while pushing the boundaries of personal knowledge and skill set.

Work Experience

Full Stack Developer   Equestrian Show Manager Inc. – Remote   May 2021 - April 2023

- Leveraged **Scrum Agile Methodology** to ensure the delivery of high-quality, robust code, consistently achieving a **95%** on-time delivery rate for sprint objectives
- Integrated 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%**
- Played a key role in optimizing database performance, leading to a significant **30%** improvement in overall application efficiency

Software Engineering Intern   Dillon Consulting Ltd. – London, Ontario   May 2022 - August 2022

- Utilized **UML Methodologies** to design comprehensive **Use Case**, **Activity**, and **ER Diagrams**, effectively modeling requirements for a proposed acquisitions/merger management tool in collaboration with a Partner
- Developed **two** distinct internal applications leveraging the **MVC architecture** and **Microsoft's Entity Framework**, enhancing business processes and productivity

Technical Skills

- **Languages:** JavaScript, TypeScript, Ruby, Python, Java & C#
- **Web Frameworks & Libraries:** Ruby on Rails, Django, .NET Framework, Next.JS, React, React Native & Express
- **Databases:** PostgreSQL, MySQL, SQL Server & MongoDB
- **Tools:** AWS, S3, Lambda, Cognito, Heroku, GraphQL, Firebase, Git, Kubernetes, Docker, Figma & Canvas
- Strong Knowledge & Command of **Object-Oriented Methodologies, UML Diagrams & Software Design Patterns**

Projects

Social Media Platform for Students

- Led the development of a social media platform utilizing **TypeScript**, **React Native**, **GraphQL**, and **AWS technologies**, resulting in a scalable, secure, and user-friendly application
- Integrated popular social media **APIs** (Reddit/Twitter), providing students with up-to-date news and trends on a single platform
- Collaborated with a team of developers using **Agile Methodology**, ensuring efficient delivery and seamless implementation of features, while ensuring high code quality and adherence to industry best practices

Sorting Algorithms Mobile Application

- Designed wireframes using **Figma** to create an engaging and user-friendly game that teaches players about various sorting algorithms and how to implement them
- Conducted user testing to gather feedback to iteratively improve the game's design and user experience
- Developed application using various **React Libraries** and **Expo** to ensure compatibility for **iOS** and **Android**

Education

London, Ontario   University of Western Ontario   September 2019 - June 2023

- Bachelor of Engineering Science in Software Engineering