

Kushpreet Viria

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Highly motivated computer science graduate with nearly one year of industry experience in web development. Proficient in a diverse range of programming languages and frameworks, gained through a combination of academic projects, personal initiatives, and professional endeavours. Seeking a Junior Software Developer role to leverage my skills.

RECENT PROFESSIONAL EXPERIENCE

Mely.ai

Software Engineer Internship

Montreal, QC, CA (Remote)

Jan 2022 – Aug 2022

- Developed and maintained an MVC-based platform with a Vue.js frontend, .NET and Flask backend, and PostgreSQL database. Leveraged C#, JavaScript, HTML, CSS, and Python extensively.
- Accomplished the successful integration of a web-based file-system feature. Leveraged Vue.js for the frontend and utilized AWS CloudSearch for efficient document storage and querying on the backend, resulting in optimized file management capabilities and enhanced user experience.
- Conducted thorough research and sought advice from peers to successfully implement a Microsoft Azure and AWS CI/CD pipeline. This initiative significantly streamlined the launch of the testing environment and greatly enhanced development efficiency.

OTHER EXPERIENCE

Sobeys INC.

Clerk Volunteering

Winnipeg, Manitoba, CA

2018

Dollar Tree Stores Inc.

Sales Associate

Winnipeg, Manitoba, CA

2019

PERSONAL PROJECTS

Shopping site

- Developed an ASP.Net and Angular web application that accurately replicates a shopping website. Implemented essential features like DTO mapping, Tokenization services, and utilized Angular guards and interceptors for enhanced security.

Path finding visual

- Created an interactive UI application using C/C++ and GLSL, showcasing various path-finding algorithms through the OpenGL graphics API. Employed different data structures to efficiently store algorithm information for visual display.

EDUCATION

University of Manitoba

Bachelor of Science in Computer Science | GPA: 3.95/4.5

Winnipeg, MB, CA

Sept 2018 – April 2023

- Relevant coursework: Algorithms, Data Structures, Software Engineering, etc.
- Actively participated in Devclub activities and events, contributing to the growth and engagement of the student community.

TECHNICAL SKILLS

- **Development Tools:** MS Visual Studio, VS Code, Junit, Espresso, Git
- **Languages:** C++, Java, Python, C#, JavaScript, HTML/CSS
- **Frameworks/Libraries:** Vue.js, Angular, ASP.NET, .NET, Android (Java)
- **Database:** Proficient in writing complex SQL queries and optimizing database performance
- **Testing:** Extensive experience with testing frameworks including Junit and Mockito

ADDITIONAL SKILLS

- Fluent in English and Punjabi, along with conversational-level speech in Hindi.