

Abdullah Sherwani

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EDUCATION

University of Alberta

Bachelor of Science in Computer Engineering Co-op - Software Option

Edmonton, AB

Sep. 2021 - Apr 2026

PROJECT EXPERIENCE

Portfolio Website

Store Item Demand Forecaster | *Upgini, Pandas, CatBoost*

Jan 2024 - Feb 2024

- Developed a store item demand forecasting system by employing the CatBoost Regressor model
- Employed the Upgini library to enhance the dataset, playing a crucial role in improving the model's performance
- Utilized Pandas to preprocess a comprehensive 5-year dataset, enabling division for training and testing purposes

Platformer Video Game | *Pygame*

Jan 2024 - Feb 2024

- Created a video game using the Pygame library, illustrating the combination of visual and interactive elements
- Crafted a gaming experience through implementing over 10 unique levels, each with distinct challenges and puzzles
- Introduced more than 5 opponents and obstacles strategically placed across the levels

Open Source Project Website | *React, Node.js, Firebase, Bootstrap*

Oct 2023 - Dec 2023

- Developed an interactive website for sharing and collaborating on open source projects using React.js and Node.js
- Elevated the user experience through the implementation of CSS and Bootstrap to ensure an easy to use interface
- Utilized Firebase as the database, ensuring robust data storage for user profiles and project information

WORK EXPERIENCE

Freelancer Web Developer

February 2024 – Present

Self Employed

Edmonton, AB

- Independently manage a freelance web development business, interacting with clients to build diverse websites
- Utilize expertise in front-end and back-end development, including HTML, CSS, JavaScript, React.js, Bootstrap, Node.js and more to deliver visually appealing and functional websites to customers
- Leverage my knowledge in software requirements specification to conduct thorough client interviews to clearly understand project requirements, ensuring alignment through the development process

Lathe Machine Operator

July 2021 – August 2021

Fine Machine Works

Calgary, AB

- Operated and cleaned the main CNC saw producing 50+ parts per day
- Organized and stored the 50+ produced parts and delivered to coworkers
- Cooperated with coworkers to construct the dimensions of parts made from 10+ unique metals and utilized the dimensions while operating the saw

LEADERSHIP EXPERIENCE

Islamic Center of South Calgary, *Volunteer*

Jan 2017 - Sep 2021

- Volunteered in 200+ community events, responsible for setting up and packing up equipment and necessities
- Taught in the Quran School with approximately 5 students assigned, beginning from basic arabic alphabets and pronunciation, and building up to proactively reading and memorizing the holy Quran
- Operated the credit/debit card terminal which allowed for donations to be made to the center

TECHNICAL SKILLS

Languages: Java, Python, C/C++, C#, SQL, JavaScript, HTML, CSS, MATLAB, Swift

Frameworks: React, Node.js, WordPress, Bootstrap, Spring

Developer Tools: Github, Docker, VS Code, Eclipse, AutoCad

Misc: MS Suite, Pandas, NumPy, Matplotlib, Drones, MongoDB, Upgini, CatBoost, Pygame