

MUHAMMAD HARIS KASHIF

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Education

University Of Calgary

Bsc. Software Engineering (Major), Mechatronics (Minor)

Sep 2021 – Present

Calgary, Canada

Projects

Schedule Generator [↗](#) | Java, SQL

- Developed an automated scheduling application for a wildlife rescue center, Example Wildlife Rescue (EWR), to optimize daily tasks for volunteers caring for injured and orphaned animals.
- Utilized object-oriented programming principles to design and implement the application, including reading data from a database, calculating feeding times, and scheduling medical treatments efficiently.
- Demonstrated strong teamwork and collaboration skills by working in a group, creating a UML diagram, writing unit tests, and documenting the code, resulting in a successful project that met client requirements and improved operational efficiency at EWR.

LotionPlus [↗](#) | React.js, AWS

- Developed an alternative version of Notion using HTML, CSS and React.
- Hosted the app on AWS utilizing Terraform and integrated Google OAuth for a secure login.
- Designed DynamoDB database and created Lambda functions for notes management.

Obituary [↗](#) | React.js, AWS, ChatGPT

- Developed a React and AWS full-stack application that uses ChatGPT AI to generate obituaries.
- Integrated Lambda functions, DynamoDB, and Cloudinary for efficient obituary creation and storage.
- Implemented Amazon Polly to turn the obituary written by ChatGPT into speech.

Experience

Aro Robotics

Jan 2023 – Mar 2023

Researcher

Calgary, Canada

- Conducted in-depth research on various robotics and related topics to stay abreast of the latest industry trends, technological advancements, and emerging innovations.
- Created insightful and informative articles and blogs aimed at enhancing the company's online visibility and establishing thought leadership in the field of robotics.
- Utilized SEO strategies and keyword optimization techniques to improve the company's website ranking on online search engines by 15%, resulting in increased organic traffic and broader audience reach.

COLO Studios

Apr 2023 – Jun 2023

Project Management Specialist

Calgary, Canada

- Developed and implemented streamlined project management frameworks, enhancing internal processes.
- Created intuitive process flowcharts and detailed procedure guides to optimize project execution.
- Enhanced email communication efficiency by almost 50% by implementing effective management strategies.

Train Fitness AI

Sep 2023 – Present

Research Assistant

Calgary, Canada

- Creatively envision how the exercise information can be seamlessly integrated into the Train app to enhance the user experience.
- Document a detailed implementation plan outlining the proposed changes, considering user accessibility, engagement, and overall app usability.
- Present the comprehensive plan to stakeholders, highlighting the potential benefits and user-centric approach for their review and feedback.

Skills

Languages: JavaScript, Python, HTML/CSS, Java, C/C++, Assembly

Tools: React, Git, AWS (Lambda, DynamoDB, CloudFormation, Polly), Terraform, VS Code