

# MEHVISH SHAKEEL

☎ (825)-5611642 ✉ [mehvishfatimaf@gmail.com](mailto:mehvishfatimaf@gmail.com) 🔗 [linkedin/mehvish-shakeel](https://www.linkedin.com/in/mehvish-shakeel) 🌐 [github.com/mehvishshakeel](https://github.com/mehvishshakeel)

## Education

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### University Of Calgary

Bachelor of Science in Software Engineering

Alberta, Canada

September 2021 - Apr. 2026 (Expected)

## Technical Skills

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**Languages:** Python, C, C++, JavaScript, Java, SQL

**Technologies/Frameworks:** React, HTML5, CSS3, Node.js, DynamoDB, MySQL

**Developer Tools:** Visual Studio Code (VSCode), Git, RARS, CLion

**Operating Systems:** Windows, Linux, and macOS

## Projects

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### Lotion Plus Project - [lotion-plus](#)

- Created AWS backend using Terraform for the "Lotion" app, including user authentication and security.
- Implemented three Lambda functions for user note management, utilizing AWS DynamoDB as the database.

### Obituary Website - [last-show.git](#)

- Engineered a comprehensive full-stack solution combining React and AWS to facilitate obituary generation.
- Leveraged the power of the ChatGPT API for crafting personalized obituaries and harnessed Amazon Polly for their expressive narration.
- Seamlessly orchestrated the storage of both speech recordings and memorial images on Cloudinary, ensuring efficient accessibility and data management.
- Employed a diverse range of technologies, including AWS Lambda, Polly, S3, DynamoDB, Cloudinary, React, HTML, CSS, and Git, to deliver a robust and compassionate digital remembrance platform.

## Extracurricular

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### ZOO(Software and electrical student's society)

Alberta, Canada

Vice President Finance

April 2023 - present

- Managed club finances, including creating invoices, managing checks, and processing financial transactions.
- Oversaw budget planning, ensuring responsible allocation of funds for club events and initiatives.
- Tracked and documented all club-related expenses, maintaining accurate records.
- **Skills:** Financial Management, Budgeting, Invoice Creation, Expense Tracking, Financial Reporting, Audit Preparation

Second year Representative

May 2022 - March 2023

- Enhanced student engagement within the university club.
- Coordinated and executed engineering events, increasing participation by 60 percent.
- Provided hands-on support and guidance to event attendees.
- **Skills:** Effective Communication, Event Coordination, Collaboration, Student Engagement

### AC Robotics

Alberta, Canada

Member, SumoBots Team

September 2022 - September 2023

- Actively contributed to the design, development, and programming of autonomous sumo robots.
- Demonstrated coding proficiency through algorithm development for robot control and sensor utilization.
- Collaborated effectively with a diverse team of students from various academic backgrounds.
- Applied engineering concepts acquired from relevant coursework to real-world robotic applications.
- Provided mentorship and guidance to newcomers, fostering a supportive learning environment.
- **Skills:** Robotics Design and Development, Coding and Algorithm Development, Hardware Assembly, Sensor Integration

### Schulich Space Rover

Alberta, Canada

Member, Sponsorship Team

January 2023 - August 2023

- Successfully secured sponsorships from various companies to support the team's projects and competitions.
- Effectively communicated the club's goals, achievements, and sponsorship packages to potential sponsors.
- Played a pivotal role in fostering partnerships between the team and external organizations.
- Demonstrated strong interpersonal and negotiation skills while liaising with corporate representatives.
- Coordinated and organized team bonding and fundraising events to support the club's activities and financial sustainability.
- **Skills:** Sponsorship Procurement, Relationship Building, Negotiation, Event Planning and Coordination