SHAZIL KHAN

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SUMMARY OF SKILLS:

- **Analytical:** Strong analytical skills developed by **optimizing** designs and developing prototypes
- **Problem Solving:** Skilled in designing solutions for software, mechanical, and electromechanical challenges using **programming** and **computational algorithms**
- **Interpersonal Skills:** Excellent in **oral** and **written** communication, with experience collaborating effectively across diverse fields
- **Technical:** Built a foundation in **software development** and **design** with a focus in **Java** and **Python**

EDUCATION:

Bachelors of Science, Natural Sciences   **Sep 2024 – Present**
(Concentrations in Computer Science and Math)   Expected Graduation: 2026
Faculty of Science, University of Calgary   *Calgary, AB*

- Enrolled in the Science Internship Program
- Highlighted Courses: Discrete Mathematics, Generative AI and Prompting, Intro to Software Engineering, Algorithms and Data Structures, Computing Machinery

Diploma of Engineering   **Jan 2021 – May 2021**
Faculty of Engineering, Dalhousie University   *Halifax, NS*

- Sexton Scholar 2019, 2020 (Achieved GPA of 3.85 or higher)
- Highlighted Courses: Engineering Design I & II, Electric Circuits I, Machine Design I & II

WORK EXPERIENCE:

Assistant Manager   **Sep 2024 – Present**
CaseMogul   *Calgary, AB*

- Diagnose, troubleshoot and repair damaged LCD/digitizers on cell phones with a redo repair percentage of 1% by maintaining standards of efficiency and accuracy
- Consistently develop innovative solutions for complex phone repairs, reducing repair time by 30%
- Regularly train and mentor new employees on repair techniques, customer service standards, and sales
- Implemented improvements in workflow and inventory management, enhancing overall store efficiency that have reduced inventory variance by 20%

Marketing & Software Development Student   **May 2024 – Present**
SweepNSleep.com   *Calgary, AB*

- Leverage programming knowledge to identify and address website issues, enhancing performance and ensuring a smooth experience for landlords and tenants
- Align platform features and brand vision that can improve brand consistency

RELEVANT ACADEMIC PROJECTS:

Drone Pursuit Tracking Project (SkyPro)   **Sep 2024 – Dec 2024**
Course: Generative AI and Prompting (ENTI 333)

- Developed an extensive Python code to set key drone parameters, including speed, range, and tracking
- Succeeded in honing OpenCV libraries to detect and lock onto targets with phone camera application

Assembling Wind Turbine Rotor   **Jan 2020 – Mar 2020**
Course: Mechanical Design II (ENGI 2203)

- Designed and prototyped a radio-controlled crane that was able to pick wind turbine rotor