

Mahir Islam

Software Engineer Co-op Student

I am actively enhancing my skills as a Web Developer by experimenting with various technologies. I am passionate about problem-solving and building impactful tools that drive solutions.

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📍 Edmonton, Canada

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📞 +1 (780) 938-1060

📄 r0ckl3e.github.io/Portfolio-MahirMIslam/

🐙 github.com/r0ckL3E

EDUCATION

B.Sc. in Computer Engineering (Software)

University of Alberta

09/2022 - Present

Edmonton, Canada

Courses

- Object Oriented Programming in Java
- Probability and Statistics
- Object Oriented Programming in C++
- Software Requirements Engineering
- Algorithms and Data Structures
- Tangible Computing in Python

WORK EXPERIENCE

Marketing Intern

Eaton

05/2024 - 08/2024

Edmonton, Canada

Achievements/Tasks

- Analyzed Eaton's Power Distribution website portal, identifying a 10-15% gap in product information and enhancing user experience and accessibility
- Implemented VBA macros to streamline product order workflows, reducing processing time by 25% and significantly boosting overall efficiency
- Assessed Marketing SharePoint data and traffic metrics to identify trends and optimize performance
- Created various product design data sheets to assist customers and onboard new employees

Technical Commercial Sales Intern

Eaton

05/2023 - 08/2023

Edmonton, Canada

Achievements/Tasks

- Produced documentation on SLD components and circuit breaker specifications, improving clarity and technical understanding for internal teams
- Managed data on the company website, gaining knowledge in product development, time management, and the engineering industry
- Developed practical skills on the plant shop floor by observing and assisting with product assembly, including the installation of gaskets on doors

SKILLS

HTML5

CSS

SCSS

JS

Java

C++

Python

Webpack

Git

Github

API

Google Workspace

MS Office

PROJECTS

Chat Catalog Web App (JS)

- Developed a web application with image upload capabilities, supporting file input, drag-and-drop, and clipboard pasting for seamless interaction
- Implemented persistent client-side storage using IndexedDB, ensuring images are retained across page reloads
- Integrated JSZip to enable users to download all stored images in a single ZIP file, enhancing file management functionality
- Created a user-friendly interface with SCSS, nesting, mixins, and keyframe animations for smooth transitions and responsive design, adjusting the layout and visibility of UI elements based on window size

Portfolio Website (JS)

- Developed a responsive portfolio website using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and a mobile-friendly design
- Utilized Web3Forms API to securely manage submissions, enhancing user experience and data protection
- Integrated external icon libraries (Boxicons and Font Awesome) to enhance visual appeal and improve user interface functionality
- Implemented a dark mode toggle with JavaScript, allowing users to switch seamlessly between light and dark themes