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.

✉ mahir.raaid@gmail.com

📍 Edmonton, Canada

🐙 github.com/r0ckL3E

📱 7809381060

🔗 linkedin.com/in/mahir-islam-06372a284

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
- Website portal gap analysis of Eaton Power Distribution and Control Assembly products
- Implemented VBA Macros to automate product order information
- Assessing Marketing Sharepoint data and traffic measures
- Creating various products design data sheets

Technical Commercial Sales Intern
Eaton

05/2023 - 08/2023   *Edmonton, Canada*

Achievements/Tasks
- Produced documentation from company resources on functionality of each component on a single line diagram (SLD) as well as information about circuit breakers, poles etc. on a panel schedule and on a SLD
- Drafted and generated sales quotations as well as data collection and file management on company website. Gained sufficient knowledge related to product development, time management and the engineering industry
- Gained experience on the plant shop floor, observing how the products were assembled as well as assisting with the assembly, such as installing gaskets on the product 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
- Implemented persistent client-side storage using IndexedDB, ensuring images are retained across page reloads and integrated the JSZip library to allow users to download all stored images as a ZIP file
- Created a user-friendly interface with SCSS, utilizing variables, nesting, mixins, and keyframe animations for smooth transitions and ensured 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 as well as API usage such as Web3Forms API to handle form submissions securely
- Integrated external icon libraries (Boxicons and Font Awesome) to enhance visual appeal and usability and implemented a dark mode toggle with JavaScript, allowing users to switch between light and dark themes
- Designed custom styles using CSS, including responsive design techniques and CSS variables for consistent theming and created a mobile-friendly navigation menu with a toggle button for improved usability on smaller screens