Danial Ross
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Portfolio: https://danialross.vercel.app
GitHub: https://github.com/danialross

EDUCATION

Carleton University   **June. 2023**
Bachelor of Computer Science (BCS), Major in Computer Science   *Ottawa, ON*

SKILLS

Programming Languages & Frameworks: JavaScript, Java, HTML, CSS, React, Node.js, Express.js, and Ruby on Rails.
Database Management: Experienced with both relational (MySQL) and NoSQL (MongoDB) databases.
Version Control Systems: Skilled in using Git and GitHub for source code management.
Testing Frameworks: Familiar with JUnit for writing and executing unit tests.

PROJECTS

Portfolio Website | *Full Stack Developer*   **Feb. 2024 – Mar. 2024**
- Designed and developed a website using React and Tailwind CSS, incorporating dynamic animations for hover effects and interactive actions on button clicks to keep users engaged.
- Utilized Tailwind CSS to create responsive designs, ensuring compatibility across various devices, including phones and desktops.
- Implemented a Node.js/Express API to facilitate direct resume downloads, enhancing the site's functionality.

Car Rental Website | *Full Stack Programmer*   **Dec. 2023 – Feb. 2024**
- Engineered a responsive and modern front-end with React and Tailwind CSS for enhancing user experience, dynamically populating views with data fetched from the back-end to streamline content delivery.
- Utilized React Router in the navbar to enable multi-page navigation, allowing users to seamlessly access various sections of the site.
- Established a robust Ruby on Rails API as a conduit between the React front-end and the MySQL database, managing data transactions to ensure secure and efficient data retrieval and storage.

Online Store Website | *Full Stack Programmer*   **Oct. 2023– Dec. 2023**
- Built an e-commerce platform's front-end using React and JavaScript, complemented by a Node.js backend for managing account information and interfacing with fakestoreapi.com to retrieve item information.
- Employed bcrypt for hashing and verifying user passwords to enhance security in both storage and authentication processes.
- Implemented middleware to authenticate users by validating their JWT before processing any requests to ensure that the user possesses the necessary rights before executing the request.

Piraten Kapern Game Assignment | *Student Quality Assurance Tester*   **Sept. 2022 – Dec. 2022**
- Utilized Test Driven Development to create individual functions in Java to be used by the game logic of Piraten Kapern.
- Utilized Behavioral Driven Development in Java to translate the user's requirement of the Piraten Kapern game logic in plain English into executable and testable code.
- Constructed unit tests using JUnit Framework to check for the validity of individual functions.