DEAN CHAP

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WORK EXPERIENCE

Data Analyst
Memorial Centre of Entrepreneurship

- Improved reliability of bi-weekly data analysis reports for decision-making by creating data collection and reporting tools using Python, MySQL, and Tableau.
- Equipped management to analyze multi-year data trends for 1000+ students registered with MCE since 2016.

PROJECTS

Hippo   *NEXT.JS, TAILWIND CSS*

- Leveraged Next.js and Tailwind CSS to design and develop responsive e-commerce interfaces and a multi-store dashboard. This approach ensures optimal performance across various devices and screen sizes while maintaining a visually appealing and user-friendly interface.
- Implemented dynamic routing using Tailwind CSS Responsive Pages (TCRP) approach. This facilitates efficient API calls and enhances user experience by ensuring seamless navigation between different sections of the web app.
- Integrated Zod for authentication processes, enabling secure and hassle-free user logins. This enhances the overall user experience by providing a seamless and trusted login mechanism.
- Implemented dynamic routing using Tailwind CSS Responsive Pages (TCRP) approach. This facilitates efficient API calls and enhances user experience by ensuring seamless navigation between different sections of the web app.
- Prioritized accessibility by utilizing ARIA attributes such as aria-hidden to improve the experience for disabled users. This ensures that all users, regardless of their abilities, can access and use the web app effectively.

Tesla   *REACT.JS, TAILWIND CSS*

- Leveraged React's component-based architecture to develop a modular and maintainable codebase. This approach facilitates easy updates, code reuse, and streamlined maintenance, ensuring scalability as the project evolves.
- Utilized Tailwind CSS for efficient styling and customization, enabling the creation of visually stunning and responsive user interfaces. Tailwind's utility-first approach allowed for rapid development and easy maintenance of the website's design components.
- Implemented responsive design techniques to ensure optimal performance and accessibility across various devices and screen sizes.

EDUCATION

Bachelor of Science in Computer Science
Memorial University of Newfoundland

ADDITIONAL INFORMATION

- Technical Skills: Python, Javascript, HTML, CSS, MySQL, GitHub
- Frameworks: React.js, Next.js
- Languages: English, Shona
- Certifications: AWS Solutions Architect Associate (Pending), Project Managment (Pending)