

PROFILE

Enthusiastic Full Stack Web Development student at RRC Polytech, skilled in both front-end and back-end development. Proficient in a range of technologies including React, Ruby on Rails, PHP, HTML, CSS, Bootstrap, Tailwind CSS, AJAX, PostgreSQL, and MySQL. Demonstrated ability in developing dynamic web applications, managing databases, and employing version control with GitHub.

EDUCATION

Full Stack Web Development Diploma

Red River College Polytechnic

May 2023 – Present (August 2024)

Winnipeg, Manitoba

- **Web Development:** Mastered full-stack web development with extensive hands-on experience in HTML5, CSS, JavaScript, PHP, and Ruby on Rails. Developed dynamic web applications employing server-side programming and database management.
 - **Database Management:** Mastered database fundamentals with a focus on SQL, data manipulation, and entity relationship diagrams (ERDs). Developed proficiency in PostgreSQL and MySQL, enhancing ability to design, manage, and utilize databases effectively.
 - **Security, Testing, and Deployment:** Addressed key aspects of web security, application testing, and deployment strategies, ensuring the development of secure, reliable, and high-quality web applications.
-

PROJECTS

React-Based Online Portfolio & React UI Component | [GitHub Repository](#) | React, Storybook, Docker, Husky, GitHub Actions

- Developed an online portfolio leveraging a custom React UI component library created with Storybook, emphasizing reusability and interface consistency. This component library, integrated with Husky and GitHub Actions, ensured high code quality through automated testing and code style checks. Additionally, the project environment was standardized using Docker containerization. The application of this UI component library in my online portfolio showcases my front-end development skills and familiarity with modern development workflows.

Personal Blog System (CMS) | [GitHub Repository](#) | PHP, HTML, CSS, Bootstrap, GitHub

- Independently designed and developed a personal blog system themed around the galaxy, utilizing Photoshop to create visually appealing layouts for articles. Implemented CRUD operations and advanced search functionality with pagination in PHP and MySQL, enhancing site navigation and user experience. Security and accessibility were improved through the integration of CAPTCHA and the use of Bootstrap for responsive design, demonstrating a comprehensive approach to web development.

World of Warcraft Character Overview | [GitHub Repository](#) | Ruby on Rails, MySQL, Tailwind CSS, SSL, VPS, GitHub

- Created a World of Warcraft character overview application using Ruby on Rails and MySQL, showcasing character information through official API integration and custom data importation using CSV and Faker for data generation. Styled with Tailwind CSS and securely deployed using SSL certificates on a VPS, the project highlights my backend development and database management skills while emphasizing the importance of user data security.

Online Portfolio | [GitHub Repository](#) | HTML, CSS, JavaScript

- Designed and implemented an online portfolio with a keen focus on user interface aesthetics, utilizing Figma for visual planning to ensure engaging user experiences. Incorporated advanced CSS and JavaScript to achieve form validation and responsive layouts, enhancing accessibility across various devices.
-

VOLUNTEER EXPERIENCE

Industry Mentor

Technovation Girls Manitoba Chapter, hosted by RRC Polytech & Skip Dishes

Jan. 2024 - Present

Winnipeg, Manitoba

- Guided and inspired young women in technology fields, emphasizing software development and teamwork.

Inspire Conference Volunteer

Red River College

Nov. 2023 (One-day event)

Winnipeg, Manitoba

- Supported the organization and execution of a technology conference, enhancing my organizational and communication skills.