

Sawan Rijal

Full-Stack Web Developer

[Personal Website](#)

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Summary

A results-driven Computer Science student with expertise in developing responsive web applications, optimizing algorithms, and designing user-focused software solutions.

Proficient in React.js, MongoDB, and Agile methodologies, with a strong foundation in data structures, problem-solving, and project management.

A Dynamic and Results-Oriented Developer with Strong Background in:

Web Development - Data Structures - Algorithms - Agile Methodologies - User-

Centered Design Responsive Design - Backend Development - Software

Requirements Analysis

Professional Experience

Direct Support Professional

June 2022 – Present

Pulford Community Living Services | Winnipeg, Manitoba

- Delivered compassionate care to individuals by assisting with daily living activities, including bathing, dressing, and feeding.

- Monitored and reported changes in patient conditions to medical staff, ensuring timely and appropriate care.
- Supported mobility and exercise routines, contributing to improved physical wellbeing.
- Maintained detailed patient records, demonstrating strong organizational skills and attention to detail.
- Collaborated electively with multidisciplinary teams to create a supportive and safe environment for individuals.

Academic Projects (Highlighted Experience)

2022 – 2025

University of Winnipeg | Winnipeg, Manitoba

- **Developed a responsive e-commerce application** using React.js, MongoDB, and Next.js, implementing features like user authentication, cart management, and RESTful APIs.
- **Designed and analyzed a traffic management system** using Agile methodologies, incorporating user research, wireframes, and prototypes to meet functional and non-functional requirements.
- **Optimized problem-solving techniques** through implementation and analysis of algorithms, including sorting algorithms and dynamic programming, in coursework and competitive programming.

Education

Bachelors in Applied Computer Science (Co-op)

2022 - 2025

University Of Winnipeg | Winnipeg, Manitoba

Relevant Coursework: Introduction to Computing, Programming Fundamentals, The Object-oriented

Paradigm, Data Structures, Database Management Systems, Web Design and

Development, Algorithms, Software Design and Development.