

# SAWAN RIJAL

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Full-Stack Developer | Applied Computer Science Graduate

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[Personal Portfolio](#) | [LinkedIn](#) | [GitHub](#)

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## SUMMARY

A results-oriented full-stack developer with a Bachelor's in Applied Computer Science from the University of Winnipeg. Strong foundation in modern web technologies and full development lifecycle, from building RESTful APIs to designing responsive UIs with React and Tailwind. Adept at writing clean, maintainable code and deploying scalable solutions.

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## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Java, Python

**Frontend:** HTML, CSS, Tailwind CSS, React.js, Next.js

**Backend:** Node.js, Express.js

**Databases:** PostgreSQL, MongoDB

**Other:** REST APIs, Git, Agile, Responsive Design, Data Structures & Algorithms

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## PROFESSIONAL EXPERIENCE

### Direct Support Professional

**Pulford Community Living Services | Winnipeg, MB    June 2022 - Present**

- Provided essential care to individuals with diverse needs, fostering a supportive and safe environment.
- Supported mobility, exercise, and personal care routines to enhance quality of life.
- Maintained precise documentation and collaborated with interdisciplinary teams.
- Demonstrated reliability, compassion, and strong communication in high-responsibility situations.

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## PROJECTS

### E-Commerce Platform (Featured on my portfolio)

- Built a full-featured shopping site using React.js, Next.js, and PostgreSQL.

- Implemented secure user authentication, cart management, and integrated backend REST APIs.

### **Traffic Management System (Agile Capstone)**

- Led UI/UX prototyping and systems design for a smart traffic flow app.
- Incorporated wireframes, functional specs, and Agile principles.

### **Algorithm Visualizer & Optimizer**

- Created interactive visualizations for sorting and pathfinding algorithms.
- Applied dynamic programming and other advanced techniques in Java and Python.

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## EDUCATION

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### **Bachelor of Applied Computer Science (Co-op)**

#### **University of Winnipeg | 2022 - 2025**

Relevant Coursework: Data Structures, Algorithms, Software Development, Web Design, DBMS, OOP, Project Management.