SAWAN RIJAL

Full-Stack Developer | Applied Computer Science Graduate

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

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.

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

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.

PROJECTS (Featured on my portfolio website.)

Ecom – E-commerce Platform

- Developed a responsive, full-stack e-commerce application using Next.js, PostgreSQL, and Stripe for seamless product browsing and checkout.
- Integrated Clerk for secure user authentication and role-based access control.
- Implemented dynamic cart, order tracking, and payment management features for a complete shopping experience.

LensBook – Social Media App

- Built a photo-sharing platform using Next.js and React Hooks, allowing users to upload, view, and engage with posts.
- Used Cloudinary for optimized image storage and rendering, ensuring fast and scalable media delivery.
- Added user authentication and session management with Clerk, enabling secure profile creation and connections.

SimpleBlog – Content Management Platform

- Designed a blogging platform with Next.js and MongoDB, enabling users to create, edit, and manage posts.
- Integrated TinyMCE rich text editor for smooth content creation with formatting and media embedding.
- Implemented secure user operations and dashboard features for streamlined content publishing.

Podcaster – AI Podcast Generator

- Developed an AI-powered podcast app using OpenAI APIs to convert written content into realistic audio.
- Leveraged Convex backend and Clerk for user authentication and real-time data handling.
- Built a modern, intuitive interface with Next.js to manage audio content, transcripts, and episode generation.

EDUCATION

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.