

Ralph Daren Aquino

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PROFILE

Full-stack developer with hands-on production experience building web applications, internal tools, and API-driven systems using React, TypeScript, and serverless architectures. Proven ability to integrate complex third-party APIs (payment, bookings, e-commerce), design database schemas, and ship working products in fast-paced environments. Eager to bring these skills to True Wireless Canada's web platforms, dashboards, and automation workflows.

TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript, PHP, SQL, Python, C#(learning)
- **Frontend:** React 19, HTML5, CSS3, Tailwind CSS v4, React Router v7
- **Backend/APIs:** Vercel Serverless Functions, Node.js, REST APIs, OAuth flows, Square Payments/Bookings SDK, Shopify Storefront API, Judge.me API, Pexels API
- **Database:** PostgreSQL, MySQL/MariaDB, Supabase, Row-Level Security
- **E-commerce:** Shopify (Storefront API, production/collection management, hosted checkout)
- **Tools & Concepts:** Git/GitHub, code reviews, Agile, environment-split config, server-side caching, idempotency patterns, RBAC, VS Code

EDUCATION

Full Stack Web Development Diploma

Red River College Polytechnic

January 2025 - May 2026

Winnipeg, Manitoba

- Completed hands-on projects building full-stack applications using modern web technologies.
- Applied database design, authentication, and front-end development in team-based environments.

Bachelor of Science, Computer Science (coursework)

University of the Philippines, Los Baños

May 2023 - October 2023

Laguna, Philippines

- Completed coursework in algorithms, database management, and programming fundamentals.
- Built foundational knowledge in software engineering, problem solving, and web application development.

PROJECTS

Full-Stack Developer - MJP Beauty

Beauty Salon Website with E-commerce (in development)

2025 - Present

Winnipeg, Manitoba

- Building a production-grade **React 19 + TypeScript** salon site deployed on **Vercel**, integrating Square Payments SDK, Square Bookings API, and Shopify Storefront API into a single cohesive user experience.
- Engineered a 4-step **multi-drawer appointment booking flow** — service selection, real-time availability lookup, customer info capture, and card tokenization using Square Bookings API with idempotency-safe appointment creation.
- Architected a fully serverless backend using **Vercel Functions** for bookings, card saving, and customer management.

- Integrated **Shopify Storefront API** for online course listings, product detail pages, and Shopify-hosted checkout; added Judge.me Reviews API with moderation filtering for product reviews.
- Built custom React hooks for zero global state library dependency
- Implemented **Square OAuth authorize/callback merchant auth flow**, Cloudinary video hosting for service demos, and server-side caching on Square catalog data inside Vercel Functions
- Handled **dev-time CORS constraints** via a Vite Proxy middleware and maintained strict environment variable separation.

Front-End Developer - Trendy Films

2025 - Present

Film & Photography Portfolio Site (in development)

Winnipeg, Manitoba

- Developing a visually-driven portfolio website using **HTML5, CSS3, and JavaScript**, emphasizing storytelling and modern UI design layout.
- Built an optimized media gallery with efficient image loading for fast performance across devices.

EXPERIENCE

Systems Developer (Co-op/Industry Project)

January 2026 - April 2026

Ace Industry Project Space | Red River College Polytechnic

Winnipeg, Manitoba

- Designed and shipped a full-stack web application (**React, TypeScript, Supabase/PostgreSQL**) for managing curated AI tools and resources, contributing across UI, API integration, and database layers.
- Implemented **role-based access control (RBAC) and Row-Level Security policies**, applying secure-coding practices for authenticated data access.
- Designed a **normalized relational schema** (users, resources, tags, interactions) and wrote SQL queries supporting application features.
- Integrated an **external REST API (Pexels)** using environment-based configuration for secrets management.
- Participated in an **Agile environment**, pull request reviews, and technical design discussions in a 4-person team.
- Authored technical and user documentation supporting deployment and training.

Crew Member

September 2025 - Present

McDonald's

Winnipeg, Manitoba

- Deliver high-volume customer service while maintaining accuracy and efficiency under pressure, strengthening communication and problem-solving skills.