

Reynald Maala

FULL STACK DEVELOPER

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PROFILE

Versatile full stack developer with hands-on experience designing efficient, user-friendly solutions for the music and healthcare industries in Winnipeg. Eager to showcase strong technical skills and contribute a fresh perspective to a team focused on innovation and developing maintainable solutions that address real-world challenges.

SKILLS

Languages: JavaScript, Python, C#, Java, PHP, HTML, CSS, SCSS

Frameworks: React, Express, Node.js, .NET, Tailwind CSS

Component Libraries: shadcn/ui, Material UI, Bootstrap

Databases: MySQL, Microsoft SQL Server, MongoDB, DynamoDB

APIs: Document Object Model (DOM), RESTful APIs, GraphQL, API Gateway

Tools: Amazon Web Services (AWS), Git, GitHub, Jest, Cypress, Figma, Postman, Twilio

EXPERIENCE

Back End Developer Co-op | QDoc Inc.

AUG 2022 - DEC 2022, Winnipeg, MB

- Played a key role in developing an automated scheduling system using **AWS Lambda** and **cloud-based serverless** logic, streamlining repetitive tasks and reducing the workload for physicians and medical receptionists.
- Utilized **RESTful APIs** to retrieve, manipulate, and integrate internal and external data across various systems, enhancing the user experience for physicians and significantly improving data accuracy.
- Implemented **OAuth 2.0** authorization code flow, strengthening **API** security by ensuring robust access control, protecting sensitive data, and preventing unauthorized access to critical resources.
- Crafted comprehensive developer manuals to assist technical teams with backend setup, API integration, and configuration, leading to smoother deployments and quicker troubleshooting.

Full Stack Developer Co-op | Red River College Polytechnic

MAY 2022 - AUG 2022, Winnipeg, MB

- Contributed within an agile environment utilizing the **MERN Stack** for development and effectively managed version control with **Git** and **GitHub** to deliver a unique software solution for the Winnipeg Jazz Orchestra.
- Reduced file loading times from up to 6 minutes to under 18 seconds by implementing efficient **DevOps** strategies and streamlining deployment with **GitHub Actions**, significantly enhancing performance.
- Gathered requirements from clients, created user personas, developed wireframes, and crafted user stories to guide design and development, ensuring alignment with client needs and project goals.
- Took initiative to design and present an interactive prototype during early development stages, effectively demonstrating core features to stakeholders and accelerating project buy-in.

PROJECTS

Full Stack Developer | [NBA Fantasy Zone](#)

OCT 2024, CAPSTONE

- Developed a full-stack fantasy basketball platform with an intuitive interface for managing teams throughout the NBA season. Utilized **React** with **shadcn/ui** for the frontend, **Express.js** for the backend, **MySQL** for data storage, and **Python** for automated data collection.

Front End Developer | [Bell Initiative Matcher](#)

OCT 2024, HACKATHON

- Designed a responsive donation system for Bell Canada using **React**, **SCSS**, and **Material UI**. The system integrated seamlessly with existing user flows and featured dynamic contribution charts, all while conducting code reviews and managing pull requests to uphold high project standards.

EDUCATION

BrainStation | Diploma, Software Engineering

AUG 2024 - NOV 2024, Online

Red River College Polytechnic | Diploma in Business Information Technology

JAN 2020 - APR 2023, Winnipeg, MB