

Reynald Maala

SOFTWARE DEVELOPER

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PROFILE

Versatile full stack developer with startup 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 helping people's lives and developing maintainable solutions that address real-world challenges.

SKILLS

Languages: JavaScript, TypeScript, Python, SQL, HTML, CSS, SCSS

Frameworks: Next.js, Express.js, Node.js, Tailwind CSS

Libraries: React, shadcn/ui, Material UI, Bootstrap

Databases: MySQL, Microsoft SQL Server, DynamoDB, MongoDB

APIs: REST, RESTful, GraphQL

Tools: Amazon Web Services, Git, GitHub, Docker, Jest, Cypress, Figma, Postman, Twilio, Jira

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.
- Debugged and optimized scheduling logic to ensure only sanitized data is processed, enabling correct functionality and delivering a streamlined user experience for appointment bookings.

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