

# Ryan Abdi

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## Skills

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**Programming Skills:** Python, Java, JavaScript, Lua, C, Rust, HTML, CSS, PostgreSQL, Git, PHP

**Libraries/Frameworks:** Firebase, MongoDB, Flask, Express.js, React, Node.js, Quasar, Vue.js

## Education

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**Bachelor of Science - Computer Science,** September 2021 – Present

*Toronto Metropolitan University (formerly Ryerson University)*

CGPA: 4.00/4.33 (Dean's list)

**Relevant Courses:** Algorithms, Computer Networks I, Computer Security, Operating Systems I, Database Systems I, Data Structures, Artificial Intelligence I

## Professional Experience

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**Co-op Software Developer, WhoPlusYou** September 2024 –

August 2025

- Developed full-stack web applications using **PHP** and **Vue.js**.
- Enhanced website functionality by identifying and resolving issues in request validations, ensuring accurate and secure data handling.
- Optimized database performance by resolving N+1 query issues, reducing redundant queries and improving application efficiency

**Software Engineer Intern, Aisha Home Services** April 2024 – July 2024

- Improved UI responsiveness and reduced load times by 80% through modular front-end components developed with **React**, **TypeScript**, **Zustand**, and **TailwindCSS**.
- Engineered robust, scalable back-end solutions using **Django** and **SQLite**
- Demonstrated exceptional leadership skills by mentoring and training other team members and improving overall team performance by **84%**.

## Projects

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**360 TMU, JavaScript | Vue.js | Quasar | HTML | CSS | Firebase**

- Designed and developed a responsive web application using **Quasar**, **JavaScript**, **Firebase**, **HTML**, and **CSS** to streamline the buying and selling of goods and services ensuring seamless interaction across devices.
- Implemented an **admin** moderation dashboard with functionality to manage and delete posts, improving content control and user safety.
- Created **real-time chat rooms** for each listing, enabling direct communication between buyers and sellers for efficient transactions.

**406 Trades, Python | Flask | MongoDB | Alpaca API | HTML | CSS**

- Developed a **CRUD** stock trading simulation website utilizing **Flask** and **MongoDB**, enabling users to manage their portfolios interactively.
- Integrated real-time stock data retrieval using the **Alpaca API** to provide accurate market information.
- Used Agile **SCRUM** methodology, focusing on rapid and iterative delivery of key features during development sprints.
- Engineered robust **account authentication** and user settings pages to enhance security and personalize user experience.