

MAHZABIN RASHID FARIHA

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EDUCATION

University of Waterloo

Sept 2020 - April 2025

Candidate for Bachelor of Computer Science (Co-op)

President's Scholarship of Distinction recipient (3x Term Distinctions)

EXPERIENCE

Wealthsimple

Toronto, Canada

Software Engineer

Jan 2023 - Present

- Managing deprecation messaging for the Invest app independently, using **Ruby on Rails**
- Adding new client-facing sections to the Wealthsimple app to better depict managed investing using **React Native**

Wattpad

Toronto, Canada

Software Engineer

May 2022 - Aug 2022

- Revamped the user interface for Watty Awards 2022 in **React**, resulting in the seamless submission of **35,000+** forms
- Developed key components for **Design System**, empowering over **50** engineers to enhance their front-end projects
- Spearheaded the user accessibility project, utilizing **Axe DevTools** to reduce accessibility issues by **20%**
- Executed the investigation and planning of modernizing the comment codebase to upgrade developer efficiency
- Enhanced code reliability by scripting unit tests using **Jest** and **Enzyme**, achieving **80%** coverage of the codebase

Modumate

San Francisco,

California

Frontend Software Engineer

May 2021 – Aug 2021

- Pioneered the development of a cutting-edge project for real-time collaboration among architects, utilizing **Vue** and **Vuex** to build **5** webpages, resulting in improved productivity for **3000+** enterprise users
- Restructured the authentication flow and integrated Vue routing, resulting in a streamlined user experience
- Created custom **SQL** queries to filter data, resulting in more efficient data processing for user engagement statistics
- Utilized **Klaviyo API** for automated messaging for password resets and workspace collaboration invitations
- Integrated **Google Analytics** and **Facebook Ads** for improved tracking, making effective digital marketing campaigns

TechNova

Toronto, Canada

Engineering Lead

May 2022 - Present

- Successfully planned and executed the University of Waterloo's first women-in-tech hackathon, attracting **400+** hackers internationally, prompting diversity and inclusion within the technology industry
- Promoted to Engineering Lead for the third iteration of TechNova, responsible for driving the development and deployment of advanced **React** animations and transitions, with **950+** website visits

PROJECTS

TutorLab

- Led the development and launch of an educational marketplace, raising funding at a \$200k valuation
- Architected and developed 13+ pages using **React**, and implemented **Redux** for state management
- Configured a custom domain to host the app on **App Engine** in **GCP** for improved **SEO**
- Utilized **i18next** to translate the app for a multilingual audience successfully

Coffee Hours

- Conceptualized and developed a mobile-responsive web app using **React** for virtual university mentorship sessions in **36 hours**, winning TechNova 2021 among **500+** participants
- Developed authentication system using **Firebase**, integrated **Cloud Firestore** for data storage and display

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, Python, C, C++, Ruby, SQL

Technologies: React, Vue, Node, Express, MongoDB, Ruby on Rails, Firebase, Figma, WordPress, Google Analytics