MAHZABIN RASHID FARIHA

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EXPERIENCE

Wealthsimple 🔗 *Toronto, Canada*
Software Engineer *Jan 2023 - Present*
- Presently contributing to the Managed Experience product team, responsible for client-facing aspects of the managed investing product, using **Ruby on Rails** and **React**

Wattpad 🔗 *Toronto, Canada*
Software Engineer *May 2022 - Aug 2022*
- Redesigned the **React** frontend for Watty Awards 2022, resulting in the seamless submission of **35,000** submissions
- Successfully resolved and closed multiple **Jira** tickets, resulting in the resolution of various software bugs and errors
- Created components for the **Web UI Library,** which **50+** Wattpad engineers use for their front-end projects
- Spearheaded the user accessibility project, reducing accessibility issues by **20%** using **axe DevTools**
- Led the investigation and planning of modernizing the comment codebase to improve developer efficiency
- Wrote unit tests using **Jest** and **Enzyme**, achieving **80%** coverage of the entire codebase, enhancing code reliability

Modumate 🔗 *San Francisco, California*
Frontend Software Engineer *May 2021 – Aug 2021*
- Pioneered the development of a cutting-edge collaboration project for real-time collaboration among architects, utilizing **Vue** and **Vuex** to build various pages, 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
- Implemented **Klaviyo API** for automated messaging for workspace invitations and password resets
- Integrated **Google Analytics** and **Facebook Ads** for improved tracking, making digital marketing campaigns effective

TechNova 🔗 *Toronto, Canada*
Engineering Lead *May 2022 - Present*
- Organized the University of Waterloo's first women-in-tech hackathon, attracting **400+** hackers internationally, prompting diversity and inclusion in the tech industry
- Assigned as Engineering Lead for the third iteration of TechNova, responsible for driving the development and deployment of advanced **React** animations and transitions, receiving **950+** website visits

PROJECTS

TutorLab 🔗
- Led the development and launch of a fully-functional marketplace platform, achieving a **$200,000** valuation
- Architected the frontend using **React**, implemented **Redux** for state management, and designed the web app using **Figma**, singlehandedly creating over **13** pages, resulting in an intuitive and user-friendly interface
- Configured a custom domain to host the app on **App Engine** in **GCP**, resulting in a more accessible web presence

Coffee Hours 🔗
- Conceptualized and developed a mobile-responsive web app for virtual university mentorship sessions in **36 hours**, winning TechNova 2021 among **500+** participants
- Implemented **React** for the frontend, incorporating a filter function to enable students to sort mentors according to their specific needs
- Created an authentication system using **Firebase**, integrated **Cloud Firestore** for data storage and display
- Deployed the app on Firebase, ensuring secure hosting for the project

SKILLS

Languages: JavaScript/TypeScript, HTML, CSS, Python, C, C++, Ruby
Technologies: React, Vue, Node, Express, MongoDB, Ruby on Rails, Firebase, Figma, WordPress, Google Analytics

EDUCATION

University of Waterloo *Sept 2020 - April 2025*

Candidate for Bachelor of Computer Science (Co-op) (President's Scholarship of Distinction recipient)