MAHZABIN RASHID FARIHA

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EDUCATION

University of Waterloo *Sept 2020 - April 2025*
Bachelor of Computer Science (Co-op)
Current GPA: 3.7/4.0

EXPERIENCE

Wealthsimple 🔗
Software Engineer Intern (Full Stack)

Toronto, Canada
Jan 2023 - April 2023

- Boosted portfolio discoverability utilizing **React Native**, spiking user traffic to over **1 million** for assets worth **$15B**
- Migrated **Rails services** to conduct Invest app deprecation messaging which seamlessly transitioned **230K+** users
- Implemented new **TypeScript** types for data validation and added new actions and reducers on **Redux** to import assets efficiently and text to **Contentful**, resulting in agile content updates and increased stakeholder satisfaction
- Created reusable components and assets in the **Design System** for cross-repository use, streamlining development

Wattpad 🔗
Software Engineer Intern (Web)

Toronto, Canada
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 🔗
Software Engineer Intern

San Francisco, California
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+** multi-purpose 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 🔗
Engineering Lead

Toronto, Canada
May 2022 - Present

- Spearheaded 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 the TechNova website using advanced **React** animations and transitions, driving **950+** website visits

PROJECTS

TutorLab

- Led the development and launch of an educational marketplace, raising funding at a **$200k** valuation
- Developed **13+** pages using **React**, implemented global state management using **Redux**, utilized **i18next** for multilingual support, and configured a custom domain on **App Engine** in **GCP** for improved **SEO**

Coffee Hours 🔗

- Competing against **500+** participants, conceptualized and developed a mobile-responsive web app within **36** hours using **React** and **Firebase** for virtual university mentorship sessions, winning TechNova

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