

MAHZABIN RASHID FARIHA

mahzabin.netlify.app ♦ github.com/mahzabinrashid/ ♦ linkedin.com/in/mahzabin-rashid/ ♦ mahzabin.fariha@uwaterloo.ca

SKILLS

Languages: JavaScript, HTML, CSS, Python, C, C++ (OOP), Racket

Frameworks/Tools: React.js, Vue.js, Express.js, Node.js, MongoDB, Firebase, Git, Figma, WordPress, Google Analytics

EXPERIENCE

Modumate

Frontend Engineer

San Francisco, California

May 2021 – August 2021

- Singlehandedly designed the frontend to facilitate real-time workspace collaboration among multiple users
- Leveraged **Vue** and **Vuex** to build membership, invitation, projects, and settings pages used by **3000** enterprise users
- Refactored the frontend and integrated Vue routing to decrease loading time
- Enhanced data processing for user engagement statistics by creating SQL queries to filter data
- Refined the authentication flow which significantly improved customer retention

Alate

Technology Department Head

Dhaka, Bangladesh

Nov 2020 – Feb 2021

- Conceived and led a team of 4 to host webinars which improved the programming literacy of over **80** students

Nabodeep

Web Developer

Dhaka, Bangladesh

May 2020 – Aug 2020

- Created a website for a Bangladesh Government fertilizer supplying company with a user base of **50+ million**

PROJECTS

Coffee Hours

- Built a web app using **React.js**, winning in TechNova 2021 among **300+** participants
- Set up an authentication system with **Firebase** and integrated Cloud Firestore to collect and store user data
- Built the backend to enable real-time chats among users based on their experience and backgrounds

Algorithmma

- Worked in a team of 4 to design the UI and develop a blog that hosts visualizations of computational and procedural generation algorithms using **HTML**, **CSS** and **JavaScript**

Chess

- Implemented OOP Principles and design patterns to create a human versus computer chess engine in **C++**
- Emulated the MVC model and set up graphical interface using XWindows to display the chessboard and pieces

Creators' Colosseum

- Conceived and created a **WordPress** site for artists to showcase their creativity leveraging plugins
- Acquired a customer base of **500+** within the first two months of launch with user retention of **80%+**
- Won first place in the Upper Division of Spring Ideathon by Tomorrow's Entrepreneurs for the business idea

Project Global

- Designed the UI/UX of an app that won Outstanding Social Impact in T9Hacks 2021 among **100** participants
- Drafted the pages and prototyped the app using Figma to develop a high fidelity mockup of the application

LEADERSHIP

President – Conducted MUN sessions to refine the diplomacy skills of 45 students for Sunnydale MUN Club

Co-Founder – Conceived and spearheaded the Sunnydale Art Club to refine the artistic skills of over 30 students

EDUCATION

University of Waterloo

Sept 2020 - April 2025 (expected)

Candidate for Bachelor of Computer Science (Co-op), 3.9/4.0 CGPA, **3x Term Distinction**