A S M **TASEEN**

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TECHNICAL SKILLS

Proficient in web development using JavaScript, React.js, HTML, CSS, and other JavaScript libraries.

Frameworks: React.js, Redux, Firebase, Node.js, particle.js, p5.js, Material UI, Bootstrap

Other Programming Languages: Python, C, C++, Racket

Developer Tools: Git, Linux, Bash, Figma, VS Code, Atom, Jupyter Notebook, Google Analytics

Relevant coursework: Elementary Algorithm Design and Data Abstraction, Object-Oriented Software Development

PROJECTS

EvenJobs 🔗 ⬤

- Built an online job search platform for the odd/part-time job sector in Bangladesh using **React.js.**
- Set up email and password authentication for sign in/sign up actions of the users using **Firebase.**
- Used **React Hooks** and **Redux** for dealing with state and lifecycle methods during log in/out, and posting operations.
- Integrated **Cloud Firestore** to collect and store the job postings made by the people or employers on the forum.
- Set up emailing methods so that the job seekers and employers can connect with each other for further procedures.
- Deployed the app on **Firebase** to make it a running website for the targeted odd job sector in Bangladesh.

Algorithma 🔗 ⬤

- Worked in a team of four to design the UI and develop a blog where we used a combination of **CSS, JavaScript** and some **JavaScript libraries** to hosts aesthetic visualizations of computational algorithms to make them more intriguing to people.
- Worked on the 3D animations of cards (on hover) for the algorithm library using vanilla JavaScript and **AOS** library.
- Implemented the visualization of Phyllotaxis pattern using **p5.js** and animated the 3D rotating algorithms gallery with CSS.
- Hosted the website so that users can benefit from it and can contribute to the blog with any visualizations of their own.

Crypto Tracker 🔗 ⬤

- Built a web app using **React** where people can find a list of all the cryptocurrencies and their individual relevant statistics.
- Utilized the **Axios** library to get data on cryptocurrencies from a **REST API** and update the content on each render.
- Created and integrated a search functionality to **ease** the process for users to filter through the list of cryptocurrencies.

Foton 🔗

- Worked on the **UI/UX** of an app idea that helps users keep track of their solar energy consumption and pay the bill for it.
- Designed the pages and then prototyped the app using **Figma** for obtaining feedback through user experience.

EXPERIENCE AND LEADERSHIP

Bangladesh Student Association - Waterloo
Waterloo, ON

Social Media Manager
Jan 2021 –Apr 2021

- Coordinated with the graphic designer and writer to make impactful and intriguing posts on the club's social media.
- Worked with the team of **7** executives to manage the department of marketing for the Bengali New Year Festival (online) organized by the Bengali student associations from various universities in Canada, including Waterloo.

Mastermind School
Dhaka, Bangladesh

Vice President, Science Society
Sept 2019 –Aug 2020

- Hosted 7 webinars where **57** students were provided with the basic knowledge and tutorials of web development**.**
- Conducted weekly workshops to motivate **43** junior students towards mathematics and science Olympiads.
- Coordinated with the President and a group of **39** volunteers to organize one of the largest high school science carnival in Dhaka, with over **700** participants attending over a span of **3** days.\

EDUCATION

University of Waterloo
Waterloo, ON

Bachelor of Computer Science
Sept 2020 – Apr 2025 (expected)

President's Scholarship of Distinction,
Dean's Honors List, Fall 2020