

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, particle.js, p5.js, Material UI, Bootstrap

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

Developer Tools: Git, Figma, VS Code, Atom, Jupyter Notebook

Summary: Full-stack web developer with an interest and experience in front end.

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.
- **92%** Performance, **100%** Accessibility, **100%** Best Practices, and **100%** SEO on Google Lighthouse Audits.

Algorithma

- Worked in a team of four to design 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 the **second page** of the website using vanilla JavaScript and AOS library.
- Implemented the visualization of **Phyllotaxis** using p5.js and animated the **3D rotating algorithms gallery** using 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 table on each render.
- Created a completely functional search bar to **ease** the process for users to filter through the list of coins.

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** to increase user involvement.

EXPERIENCE AND LEADERSHIP

Bangladesh Student Association - Waterloo

Social Media Manager

Waterloo, ON

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 5 renowned universities of Canada, including Waterloo.

Mastermind School

Vice President, Science Society

Dhaka, Bangladesh

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.
- Organized one of the largest high school science carnival in Dhaka, with over 700 participants.

EDUCATION

University of Waterloo

Bachelor of Computer Science

Waterloo, ON

President's Scholarship of Distinction,

Dean's Honors List, Fall 2020

Sept 2020 – Apr 2025 (expected)