

A S M TASEEN

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TECHNICAL SKILLS

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

Other Frameworks: Redux, Firebase, Node, Express, p5.js, Meteor, MongoDB, MySQL

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

Developer Tools: Git, Vim, Linux, Bash, Figma, VS Code, 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**.
- 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

- Designed the UI and developed a blog where a combination of **CSS**, **JavaScript**, and some **JavaScript Libraries** are used to host aesthetic visualizations of computational algorithms to make them more intriguing and intelligible for people.
- Worked on the 3D animations of cards (on hover) for the algorithm library using vanilla JavaScript and **AOS** library.
- Implemented the visualization of Phylotaxis pattern using **p5.js** and animated the 3D rotating algorithms gallery with CSS.

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.

EXPERIENCE

TutorOcean

Full Stack Developer Intern

Ottawa, ON

Sept 2021 – Present

- Working as part of the Marketplace development team to deal with the **B2C** operations of the firm.
- The tech stack being experienced and used includes the **MERN** Stack along with the **Meteor** framework.

Bangladesh Student Association - UWaterloo

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 various universities in 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.
- Coordinated with the President and a group of **39** volunteers to organize one of the largest high school science carnivals in Dhaka, with over **700** participants attending over a span of **3** days.

EDUCATION

University of Waterloo

Bachelor of Computer Science

Waterloo, ON

Cumulative GPA - **85.92**

President's Scholarship of Distinction

2x Dean's Honors List - Fall 2020

Sept 2020 – Apr 2025 (expected)