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, Vue.js, Node.js, jQuery,particle.js, p5.js, Material UI, Bootstrap, 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.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 🔗 ⬡

- 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 Phyllotaxis 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.

EasyEmail ⬡

- Built a **Python** program that eases the process of emailing using voice recognition, voice commands and speech typing.
- Utilized the python libraries - **pyttsx3**, **SpeechRecognition,** and **smtplib** - for implementing the functionalities.

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)*
Cumulative GPA - 89.00
President's Scholarship of Distinction,
Dean's Honors List - Fall 2020