A S M Taseen

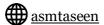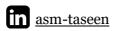🌐 asmtaseen | ⭘ asm-taseen | in asm-taseen | ✉ ataseen@uwaterloo.ca

SKILLS

Languages: JavaScript, HTML, CSS, Python, C
Frameworks and Libraries: React, Redux, Firebase, Bootstrap, three.js, particle.js, p5.js, Material UI
Developer Tools: Git, Github, Figma, VS Code, Jupiter Notebook

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

- Designed and developed a blog which hosts aesthetic visualizations of computational algorithms using JavaScript libraries.
- 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 algorithm 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 prototyped the app using **Figma**.

EXPERIENCE AND LEADERSHIP

Mastermind School   *Dhaka, Bangladesh*
Vice President, Science Society   *Sept 2019 –Aug 2020*

- Hosted **7** webinars where **35** 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 inter-school science carnival of Dhaka, with over **700** participants.

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 of 5 renowned universities of Canada.

EDUCATION

University of Waterloo   *Waterloo, ON*
Bachelor of Computer Science, Honours   *Sept 2020 – Apr 2025 (expected)*
Dean's Honors List, Fall 2020