

A S M Taseen

portfolio/taseenasm.com — [email/ataseen@uwaterloo.ca](mailto:ataseen@uwaterloo.ca) — in/a-s-m-taseen — [github/asm-taseen](https://github.com/asm-taseen)

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C++, SQL, C, C#, Python

Technologies: React, Redux, MongoDB, PostgreSQL, AWS, DigitalOcean, Figma, Git, Linux

EXPERIENCE

TutorOcean

Incoming Software Developer Intern

Ottawa, ON

May '22 – Aug '22

- Expected to work on infrastructure with REST APIs, **AWS API Gateway**, and **AWS Lambda**
- Recommence in the B2C marketplace team for **SEO** improvements to increase customer acquisition

TutorOcean

Full Stack Developer Intern

Ottawa, ON

Sept '21 – Dec '21

- Integrated **HubSpot API** to track **25** unique customer data in HubSpot from the user life cycle of **20,000+** users to improve **lifecycle marketing** which increased customer conversion rates by **18%**
- Enhanced the message flagging scope by generating effective **regex** in **MongoDB** to increase customer retention by reducing the threat of prohibited internal self-promotions of users via the chat system
- Worked on **Search Engine Optimization** by creating **20+** pages with **React** and **Redux** that increased keyword indexing by **2190+** keywords and website impressions by over **78000**
- Implemented user-facing features on French version of the marketplace website used at **Bell Canada**

Hexa

Co-founder & Frontend Lead

Waterloo, ON

Oct'21 – Present

- Architected a multi-service EdTech platform for a market of **3 million** customers across **110+** nations
- Utilized **DigitalOcean** to integrate load balancing and facilitate **horizontal scaling** of infrastructure
- Provisioned a single node **PostgreSQL** cluster with connection pooling to handle **10,000 req/sec**
- Developed UI with **React**; designed the user flow to minimise clicks and maximize conversion rates
- Collaboratively devised algorithms having low computational complexity to facilitate a highly granular searching and sorting mechanism across a search-scope of **12000+** records

PROJECTS

EvenJobs

[*github/repo*](#)

- Built an online job search platform for the odd/part-time job sector in Bangladesh using **React**
- Set up **Firebase Authentication** for allowing secure sign in and sign up actions of the users
- Integrated **Cloud Firestore** and used **Redux** to store and manage user data across the platform
- Enabled an email communication system for employers and candidates to connect via the website

Algorithma

[*github/repo*](#)

- Designed and developed a blog to host aesthetic visualizations of complex computational algorithms
- Implemented animated algorithms using **p5.js** and **AOS** for students to have enhanced understanding

Crypto Tracker

[*github/repo*](#)

- Developed a tracking website for cryptocurrencies with **React** to keep up with real-time statistics
- Utilized the **Axios** library to eliminate **CSRF** and to fetch cryptocurrency data from a **REST API**

EDUCATION

University of Waterloo

Bachelor of Computer Science, 2x Dean's Honours List

Sept '20 – Apr '25 (expected)