

A S M Taseen

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EDUCATION

University of Waterloo

Sept 2020 - Apr 2025

Bachelor of Computer Science (Honours), 3x Dean's Honours List

EXPERIENCE

Super

San Francisco, CA

Software Engineer Intern

Jan 2023 – Present

- Working on the Monetization team, creating API endpoints and unit test scripts for non-booking transactions on **SuperTravel's** payments **microservice** using **Python**, **Flask**, **PostgreSQL**, **Docker**, and **Redis**

TutorOcean

Ottawa, ON

Full Stack Engineer Intern

May 2022 – Sept 2022

- Single-handedly revamped and migrated the marketplace website to **NextJS**, improving page **speed index** by **48%**
- Built an internal tool which facilitates moderators in handling **3000+** user requests, payments, and refunds per week
- Developed **Serverless REST API** with **AWS Lambda** to automate tracking of **5000+** mobile users on **HubSpot**
- Scripted event-based job scheduler using optimized **MongoDB** pipelines, saving **3.4hrs/week** of manual labour

Hexa

Waterloo, ON

Co-founder/Tech Lead

May 2022 – Present

- Architecting an EdTech platform for online schooling, partnering with multiple institutions across South Asia
- Developed a **React** web app; implemented lazy loading using **code-splitting** to reduce page load-time by **53%**
- Integrated a DigitalOcean **load balancer** that facilitates **horizontal scaling** and leads to **6x** faster response time
- Provisioned a multi-node **PostgreSQL** cluster with connection pooling; scaling to handle **10,000 req/sec**
- Supervising 4 junior web developers and strategizing an **agile development** roadmap for upcoming quarters

TutorOcean

Ottawa, ON

Full Stack Engineer intern

Sept 2021 – Dec 2021

- Owned the development of **20+** webpages using **React** by collaborating with product managers and design team
- Applied **SEO** best practices that generated **3x** growth in website traffic and a **87%** jump in user signup rate
- Implemented a message flagging system by utilizing effective **regex** in **MongoDB** query pipelines that restricted fraudulent self-promotions and reduced customer churn rate, saving about **78000CAD+** in revenue/month
- Integrated **HubSpot CRM API** to track customer usage metrics of **41,000+** users, leading to improvements in **lifecycle marketing** and a **28%** increase in customer conversion rate
- Internationalized website to expand customer reach and cater to the needs of **26000+** French speaking users at **Bell**

UW EntSoc

Waterloo, ON

VP of Tech

May 2022 – Present

- Leading a team of 4 engineers to work on project **Janus** which is a hub connecting UW student entrepreneurs
- Collaborating with design team and conducting project scoping, code reviews, and deployments of feature releases

PROJECTS

EvenJobs

[github](#)

- Built an online job search platform using **React** for the underprovided odd/part-time job sector in Bangladesh
- Created a post feed feature that enables employers and seekers to access and add curated job postings in real-time
- Integrated an email communication system to connect employers and candidates; improving user engagement

CryptoTracker

[github](#)

- Developed a website using **React** for tracking cryptocurrencies that allows users to stay updated on real-time market
- Utilized the **Axios** library to eliminate **CSRF** attacks and to retrieve cryptocurrency data from a REST API

SKILLS

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

Technologies: React, Flask, Next, Node, MongoDB, PostgreSQL, Docker, AWS, Redis, Git