

Tahsin Zaman Jilan

+8801760642727 | tahsin.zaman.jilan@g.bracu.ac.bd

[Personal Website](#) | [GitHub](#) | [LinkedIn](#) | [LeetCode](#) | [Codeforces](#).

Skills and Technologies

Proficient: C++, Python, JavaScript, ReactJS, Git

Education

BRAC University, BSc in Computer Science and Engineering, Jan 2020 – Dec 2023,

CGPA: 3.4

Professional Work Experience

Autonomous and AI, BRACU Duburi, Aug 2022 – Jan 2023

- Developed and implemented computer vision algorithms for object detection using **OpenCV** in **Python/C++** to detect objects in underwater
- Optimized object detection algorithms by **10%** to improve real-time performance on resource-constrained systems

Personal Projects

HearHub | [Website](#) | [GitHub Repo](#)

An e-commerce website - **NextJS**, **MongoDB**, **TypeScript**

- A full-stack e-commerce website with features like **authentication**, a **search bar**, a **cart system**, and secure **payment** processing with PayPal and Stripe
- Implemented an **admin panel** for managing products, orders, and users with **CRUD** operations.
- Utilizing **MongoDB** as a database, the project seamlessly stores and retrieves e-commerce products, ensuring efficient loading and performance

Portfolio Website | [Website](#) | [GitHub Repo](#)

A portfolio website- **ReactJS**, **Node/ExpressJS**

- Focused on responsive web design techniques to ensure the website is accessible
- Developed a dynamic webpage to view and modify data using **React** Framework.

Sentiment Analysis | [GitHub Repo](#)

- Detected **Hate Speech** with the development of LSTM, GRU, ConV1D, and BERT using **Tensorflow** and **Keras API**
- Implemented Tokenization as a pre-processing technique for the project.

Achievements

- Solved 400+ problems on **Codeforces**, **Leetcode**
- **Robi Datathon 2.0**: Final round (top 5%)
- **BRACU Intra Programming Contest 2021**: 3rd
- Contributed to **GirlsScript Summer of Code 2023**

Extra Curricular

Toastmaster International(member),

- Gave 5 speeches, mentored 2 members