

Tahsin Zaman Jilan

[LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [Codeforces](#) | [Leetcode](#) | aazilanzaman@gmail.com | [0176xxxxx](#)

Skills

- JavaScript | C++ | React | Git | Python

Experience

Associate Software Engineer

[Pathao](#)

May 24 - Jan 25

- Developed a points management dashboard using NUXT, REST API, and PINIA, improving data flow efficiency by 20%.
- Enhanced mobile app responsiveness with Remix, boosting mobile user engagement by 40% and ensuring accessibility.
- Designed intuitive, PRIMEVUE-based UI components, significantly improving user satisfaction and overall engagement.

Software Engineer Intern

[Pathao](#)

Jan 24 - Apr 25

- Built an interactive route visualization map using Leaflet, improving navigation and user experience.
- Used Vue and Vuex for state management, ensuring seamless data handling and performance.

Education

Bachelor of Science

[BRAC University](#)

Dhaka, Bangladesh 01/2020 - 12/2023

- Major in Computer Science, CGPA: 3.37

Projects & Hackatathon

HEARHUB | [Live](#) | [Github](#)

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

- Developed a full-stack e-commerce website with key features including **authentication**, a **search bar**, and a **cart** system.
- Implemented secure **payment** processing seamlessly integrating with trusted platforms like **PayPal** and **Stripe** to ensure safe shopping.
- Developed a robust and user friendly **admin panel** for managing products, orders, and users with **CRUD** operations.
- Utilizing **MongoDB** as a database, the project seamlessly stores and retrieves products, ensuring efficient loading and performance.

CRICKET-LIVE | [Live](#) | [Github](#)

A real-time cricket match live app with **ReactJS**.

- Fetches **Cric API** for live updates, match status, and live scores ensuring information is up-to-date and accurate.
- Implemented feature to **sort** matches by team ranking and date to show recent top matches higher in the list in the page.
- Used **React** for dynamic pages, **Vanilla CSS** for styling, and **react-loader-spinner** to manage loading animation.

ROBI DATATHON 2.0 | [Github](#)

Reached final round of the Hackathon (top 5%)

- Successfully developed multiple solutions to predict **outcomes** effectively using Machine Learning techniques.
- Employed the **MinMaxScaler** pre-processing technique to enhance the performance and accuracy of label column data.
- Successfully attained an impressive accuracy rate of **86%** through the implementation of a **Neural Network** model using the **Keras API**.

HATE SPEECH DETECTION | [Github](#)

Hate speech detection with **Deep Learning** Models

- Detected **Hate Speech** with the development of BiLSTM, LSTM, GRU, ConV1D, and BERT using **Tensorflow** and **Keras API**.
- Implemented **Tokenization** and **random undersampling** as pre-processing techniques, enhancing **data handling** and **class imbalance**.
- Accomplished an exceptional accuracy rate of **99%** by leveraging a **BiLSTM** (Bidirectional Long Short-Term Memory) model.

Extra-Curricular

- Solved 400+ problems on **Codeforces**, **Leetcode** ranging in various difficulties.
- BRACU Intra Programming Contest 2021**: Attained the 3rd position among 300 students in BRAC University.

Open Source Contribution

- Contributed to **Girlscript Summer of Code 2023** where I fixed a UI bug leading to a better UX. [Pull Request](#)
- Contributed to LightOJ solutions list. LightOJ is one of the highest rated programming communities in Bangladesh. [Pull Request](#)