

TONMOY TALUKDER

Web Developer

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🐙 [TonmoyTalukder](#)

in [tonmoytalukder](#)

🌐 tonmoytalukder.github.io/dev

Experience

Research Engineer (Contractual)

CRC Research Center | (February, 2024 – June, 2024)

- Collaborating in a project that focuses on extensive data pre-processing, time series analysis, GAN-based artificial data generation, GPS data processing, and various other explorations.

Technical Skills

Languages : TypeScript, JavaScript, Python, and HTML & CSS

Frameworks : React JS, Next JS, Node JS, Express JS, Redux, TanStack Query, React Router, Rest API, Tailwind CSS, Prisma, Docker

Database : NoSQL (MongoDB), PostgreSQL

Deep Learning Skills : Neural Network, CNN, RNN, LSTM, Encoder-Decoder, Transformers

Tools : Anaconda 3, Colab, VS Code, Git, LaTeX

Additional Skills : Pytorch, Tensorflow, Scikit, NLTK

Projects

- **Cheffy**

Description: A recipe sharing social media platform with NextJs using TypeScript, that user can easily share recipe, vote or rate recipe.

Technologies: Next.js, Next UI, TanStack Query, Typescript, Tailwind CSS, Node.js, Express.js and MongoDB.

[Live Website](#) | [Client-Side GitHub Repository](#) | [Server Side GitHub Repository](#)

- **SportifyNow**

Description: A sport facility booking platform with React + Vite using TypeScript, that user can easily book a sport facility with integrated payment system, review or earn rewards.

Technologies: React, Redux, Ant Design, Typescript, Tailwind CSS, Node.js, Express.js and MongoDB

[Live Website](#) | [Client-Side GitHub Repository](#) | [Server Side GitHub Repository](#)

- **VerdantSpace**

Description: A nursery e-commerce website allow users to browse, filter, and search for products, add products to their cart to place order. Additionally, there is a product and category management section for CRUD operations.

Technologies: React, Redux, Ant Design, Typescript, Tailwind CSS, Node.js, Express.js and MongoDB

[Live Website](#) | [Client-Side GitHub Repository](#) | [Server Side GitHub Repository](#)

- Additional project insights can be found at: <https://tonmoytalukder.github.io/dev>.

Education

B.Sc. in Computer Science and Engineering

Ahsanullah University of Science Technology

Thesis: Bengali Key-to-Text: Text Generation from Keywords in Bengali

May, 2023

Dhaka, Bangladesh

Research Paper

(* denotes equal contribution, names are listed in alphabetical order).

G. M. Shahariar*, **Tonmoy Talukder***, Rafin Alam Khan Sotez, and Md. Tanvir Rouf Shawon. “**Rank Your Summaries: Enhancing Bengali Text Summarization via Ranking-based Approach.**” In *2nd International Conference on Big Data, IoT and Machine Learning (BIM)*, 2023.

Ongoing research insights can be found at: <https://tonmoytalukder.github.io/research>.

Teaching Experience

Mentor (Senior Section)

Technovation Girls Challenge

Responsible for mentoring students to learn App Development by applying AI & Machine Learning Tools.

December, 2021 – Present

California, USA

Activities

- Intra Aust Programming Contest | 7th Position, Junior Division February, 2019
Ahsanullah University of Science and Technology, Dhaka
- Makers’ Mania – Programming Contest | 4th Position, Junior Division September, 2018
Independent University Bangladesh, Dhaka

Achievements

- Certificate of “**Next Level Web Development (Full Stack)**”, Programming Hero 2024
- Certificate of “**Complete Web Development (MERN Stack)**”, Programming Hero 2022
- Certificate of “**Machine Learning with Python**”, EMK Center 2021
- Certificate of “**Data Analysis with Python**”, EMK Center 2021
- Certificate of “**Data Visualization with Python**”, EMK Center 2021
- **Government Scholarship**, Dhaka Board 2009, 2012, 2015