

# TONMOY TALUKDER

## Full-stack Developer

✉ [tonmoytalukder2000@gmail.com](mailto:tonmoytalukder2000@gmail.com)  
☎ (+880) 1880 788228  
🏠 Mirpur 1, Dhaka 1216, Bangladesh

🌐 [TonmoyTalukder](#)  
in [tonmoytalukder](#)  
🔗 [tonmoytalukder.github.io/dev](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

## Technical Skills

Languages	: TypeScript, JavaScript, Python, and HTML & CSS
Frameworks	: React JS, Next JS, Node JS, Express JS, Redux, TanStack Query, Tailwind CSS, Mongoose, Prisma
Database	: NoSQL (MongoDB), PostgreSQL
Deep Learning	: Neural Network, CNN, RNN, LSTM, Encoder-Decoder, Transformers
Tools	: Anaconda 3, Colab, Git, LaTeX, Git, VS Code
Additional Skills	: Pytorch, Tensorflow, Scikit, NLTK
Soft Skills	: Communication, colaboration, Problem Solving, Leadership, Time Management, Adaptability, Work Ethic

## Projects

### • Multi Vendor E-Commerce Application: MartPlex

**Description:** A Multi Vendor E-Commerce Application, that is designed to provide a complete online shopping experience for users, vendors, and administrators.

- Vendor can create multiple shops, manage products, order
- Users can find personalized All products List, manage orders and cart
- Admin can suspend vendor, shop, products, users

**Technologies:** Next.js, TanStack Query, Typescript, Next UI, Tailwind CSS, Node.js, Express.js, Prisma ORM and PostgreSQL

[Live Website](#) | [Frontend Repository](#) | [Backend Repository](#) | SQL Full Stack Project

### • Recipe Sharing Community: Cheffy

**Description:** A recipe sharing social media platform with NextJs using TypeScript.

- User personalized feed, suggestion and premium paid contents. Users can follow each other.
- Users can post, vote, rate, comment, and share recipes.
- Users can report against another users and recipes.
- Admin can manage users and recipes from the dashboard.

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

[Live Website](#) | [Frontend Repository](#) | [Backend Repository](#) | No SQL Full Stack Project

### • Sports Facility Booking Platform: 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.

- Users can book sport facility paying fees and earn reward point.
- Baged on reward points user can upgrade profile badge, and get discount by badge.
- User can earn reward point by invitation code or booking facilities.
- Admin can manage user, facilities and orders.

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

[Live Website](#) | [Frontend Repository](#) | [Backend Repository](#) | No SQL Full Stack Project

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

## Experience

---

**Research Engineer** (ML, 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.

**Mentor** (Senior Section, Voluntary)

**Technovation, California, USA** | (December, 2021 – May, 2023)

- Mentored students to learn **App Development by applying AI & Machine Learning Tools**.

## 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 *2<sup>nd</sup> International Conference on Big Data, IoT and Machine Learning (BIM)*, 2023.

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

## Activities

---

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