

Md Touhedul Islam

[✉ touhedcs@gmail.com](mailto:touhedcs@gmail.com) | [📞 +880 1517 958535](tel:+8801517958535) | [🔗 www.linkedin.com/in/preaus/](https://www.linkedin.com/in/preaus/)

Education

University of Chittagong
B.Sc. in Computer Science and Engineering

Jan 2019 – Aug 2023 (Exam Year 2024)

Experience

Digiden IT

Chittagong, Bangladesh

Software Engineer (Intern) – Part time (Sept'25 – Present)

- Architected **DigiHR**, a HR management platform, ensuring **security**, seamless **user experience**, performance optimization, and **modular development**.
- Designed and implemented a **Daily Goal module** allowing users to create, track, and automatically carry forward incomplete goals to the next day.
- Developed **Like and Comment** functionalities to enhance user engagement on the Announcements feature.

Skills

Languages: C/C++, Java, JavaScript (ES6+), Python, SQL

Frontend: HTML5, CSS3, React.js, Redux, Zustand, Tailwind CSS, DaisyUI, Bootstrap, SASS

Backend: Node.js, Express.js, Firebase, Appwrite, MongoDB, MySQL

Achievements

- CodeChef Max Rating: 1619 (3* Coder)**
- Codeforces Max Rating: 1286 (Pupil)**
- Solved **800+ problems** on various online judges
- Top 15%** at ICPC Asia Dhaka Regional Site **Online Preliminary Contest 2023**
- 28th place** at CUSS IT Fiesta 2024 Inter-university Programming Contest
- 5th place** in CU Intra-university Programming Contest 2023
- 3rd place** in CU Intra-university SQL Contest 2023
- 1st Runner-up** in UIHP Cohort, University Innovation Hub Program 2024
- Champion** at Project Showcasing, CALIBRATION 1.0, KUET

Project Work

Web App: Expense Tracker

[Live Link](#) | [GitHub](#)

Main Stack: HTML, Tailwind CSS, React.js, Zustand

- Implemented **real-time wallet balance** and expense tracking with interactive **pie chart and bar chart** visualizations.
- Developed a **fully responsive web application**, optimized for desktops, tablets, and mobile devices to ensure a seamless user experience.
- Added **recent transaction history** with **edit** and **delete** functionality, plus top expenses visualization with percentage breakdown.
- Implemented efficient state management using **Zustand** to handle global and shared state across components

Mobile App: Sportify

[GitHub](#)

Main Stack: Android, Java, Firebase (NoSQL), Android Studio

- Developed a **full-stack mobile application** for sports fans to post sports-related content, comment, and like posts in **real time** via Firebase.
- Implemented **five types of sports detection** using a machine learning model from **Teachable Machine**, integrated with **TensorFlow**.

Awards and Certificates

- Full stack web development by EDGE
- ITEE FE Exam Full Passer
- Specialization on Python For Everybody- Coursera
- Intermediate Excel- Coursera