

# Md Touhedul Islam

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## 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