

Promi Mojumder

Undergraduate Student, Software Engineering, SUST

📍 Mohona B-92, Kororpara, Sylhet | ☎ (+880) 171-062-8068 | ✉ promimojumder8@gmail.com

🐙 Github/PromiMojumder38 | 🔗 LinkedIn/promimojumder

Education

Shahjalal University of Science and Technology

Sylhet, Bangladesh

Bachelor of Science in Software Engineering

Jan 2020 - Dec 2024 (Expected)

- **CGPA: 3.83** (6th Semester)

Projects

Eco-Sync : Waste Management Website

[Github Link](#)

Code Samurai Hackathon Project

March 2024

- Developed during 8-day-long hackathon of 2nd round of Code Samurai 2024: an Inter-University Hackathon
- Created **data entry modules** for STS, landfill, and vehicle records, including waste transfer and truck dumping entries, developed their **backend components with routes**, implemented billing features like **generating transport slips** and **calculating fuel allocation**, along with **diagram design**.
- Developed using **ReactJS** and **CSS** for frontend, **Node.js** and **Express.js** for backend and **MongoDB** for database.

SUST Autorickshaw Management System

[Github Link](#)

Project 350

Feb 2023 - Nov 2023

- Developed a website to automate SUST's auto-rickshaw management system, along with **real-life document collection** and **requirement analysis**
- Implemented **backend registration process** for auto-rickshaw drivers, owners, managers, and auto-rickshaws, including **payment record management** and **bill generation** for drivers, integrated **scheduling system** for efficient auto-rickshaw management on daily basis.
- Developed using **ReactJS** and **CSS** for frontend, **Node.js** and **Express.js** for backend and **MySQL** for database.

Rent-It: Renting-based Android Application

[Github Link](#)

Project 250

December 2022

- Developed an Android app facilitating the exchange or **rental of second-hand products** for short-term use, promoting sustainability and affordability. Features include browsing and renting products, **adding product details** with images, **viewing rental history**, and donating items with **real-time dynamic database** integration.
- Developed using **Java** for programming, **Firebase** for the database, and **Figma** for design.

Achievements

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| 2024 | 2nd in Preliminary Round 2, Finalist, Score: 89/100 , Code Samurai Hackathon |
| 2023 | Top 10 , DU ITverse Hackathon (API Category), out of 150+ teams |
| 2023 | Top 14 , DU ITverse Project Showcasing, out of 90+ teams |
| 2023 | 1st Runners-up , Project Showcasing category in IEEE Branch Fest at BUP |
| 2023 | Top 9 , Brainstation Hackathon in SUST SWE Technovent |
| 2020-2024 | 500+ Problem Solving , CodeForces, CodeChef, UVA, AtCoder, HackerEarth, HackerRank etc. |
| 2023 | Problem Setter , Luna Shamsuddoha Girls In ICT Day Celebration - All Girls' Programming Contest |
| 2022 | Problem Setter , BdOSN CodeRace - International Girls In ICT Day Celebration Contest |
| 2022-2023 | Participant , Bdapss National Hackathon and Leading University CSE Carnival Hackathon |

Skills

Languages

Java, C/C++, Javascript, ReactJS, MySQL