Promi **Mojumder**

Undergraduate Student, Software Enginnering, SUST

Mohona B-92, Korerpara, Sylhet | (+880) 171-062-8068 | | promimojumder8@gmail.com | PromiMojumder38 | promimojumder

Projects

SUST Autorickshaw Management System   *Github*

PROJECT 350   *Feb 2023 - Nov 2023*

- Automates SUST's auto-rickshaw management, streamlining permissions, registrations, and daily operations for managers, while also tracking driver's payment records efficiently.
- Developed using **ReactJS**, **CSS**, **Node.js**, **Express.js** and **MySQL**.

Eco-Sync : Waste Management Website   *Github*

CODE SAMURAI HACKATHON PROJECT   *March 2024*

- Developed during the 8-day-long hackathon of the 2nd round of Code Samurai 2024.
- Key features include user and role management, authentication endpoints, user management views, role-based access control, profile management, data entry views for adding vehicles, STS and landfill sites, billing view for generating transport slips, route optimization view, fleet optimization view, and dashboard statistics view for real-time monitoring of waste management activities.
- Developed using **ReactJS**, **Tailwind CSS**, **Node.js**, **Express.js**, and **MongoDB**.

Atmos-Sense : Real-Time Air Quality Data and GeoData and API-Powered Website   *Github*

DU IT-VERSE API HACKATHON PROJECT   *November 2023*

- Developed during the 24 hour-day-long hackathon of the final round of DU ITVerse API Hackathon 2023.
- The website uses the IQAir API for real-time updates on the top 10 polluted and cleanest cities globally with user-friendly filters, integrates socio-economic data from the World Bank API for comprehensive insights and features an interactive map for visual exploration.
- Developed using **ReactJS**, **CSS**, **Node.js**, **Express.js**, and **MySQL**.

Kiddo: Parenting Consultancy Website   *Github*

LEADING UNIVERSITY HACKATHON PROJECT   *October 2023*

- Developed during the 24 hour-day-long hackathon of Leading University Hackathon 2023.
- Key features include parent registration, real-time talk with advisors, appointment booking, emergency consultations, community groups, buy/sell child products, storybook store, and parent self-evaluation tool.
- Developed using **ReactJS**, **CSS**, **Node.js**, **Express.js**, and **MySQL**.

Rent-It: Renting-based Android Application   *Github*

PROJECT 250   *December 2022*

- Acts as a medium for users to exchange or rent products, promoting sustainability and cost-effectiveness.
- Developed using **Java** and **Android Studio**.

Behula: Survival Game   *Github*

GAME PROJECT   *August 2022*

- A survival game where Behula faces many dangers while reaching her destination towards heaven.
- Developed using Netbeans IDE for **Java** programming.

Achievements

2024	**Top 90**, Code Samurai 2024: an Inter-University Hackathon		*See Details*
2023	**Top 10**, DU ITverse Hackathon (API Category)		*See Details*
2023	**1st Runners-up**, Project Showcasing category in IEEE Branch Fest at BUP		*See Details*
2023	**Top 9**, Brainstation Hackathon in SUST SWE Technovent		*See Details*
2020-2024	**500+ Problem Solving**, CodeForces, CodeChef, UVa, AtCoder, HackerEarth, HackerRank etc.		*See Details*
2023	**Problem Setter**, Luna Shamsuddoha Girls In ICT Day Celebration - All Girls' Programming Contest		*See Details*
2022	**Problem Setter**, BdOSN CodeRace - International Girls In ICT Day Celebration Contest		*See Details*

Skills

Languages	Java, C++, C, Python, HTML, CSS, Javascript, Node.js, ReactJS
Database	MySQL, MongoDB

Education

Shahjalal University of Science and Technology   *Sylhet, Bangladesh*

BACHELOR OF SCIENCE IN SOFTWARE ENGINEERING   *Jan 2020 - Dec 2024 (Expected)*

- CGPA: 3.83/4.0