

Promi Mojumder

Software Engineering Graduate – Sylhet, Bangladesh

✉ promimojumder8

☎ (+880) 17-1062-8068

🌐 promimojumder

🔗 PromiMojumder38

WORK EXPERIENCE

Shellbeehaken

Software Engineer Intern

Dec 2024 - May 2025

Full-Stack Next.js Developer

- Built a full-stack **Twitter-clone** with **real-time chat** features using **WebSockets**, Next.js (App Router), MongoDB. Integrated secure OAuth/email login, password reset, and email verification.
- Built modules for the **internal HR management system**, including CRUD operations for assets, certificates, and achievements. Delivered responsive frontend and backend APIs with file upload, form validation, and dynamic updates aligned with Figma designs.
- Actively participated in agile development: writing production code, fixing bugs, **conducting code reviews**.
- Used **Bitbucket** and **Git** workflows, tracked progress via Jira, and followed company coding standards.

RESEARCH WORK

BERT-Based Emotion Classification in Bengali: Multiclass Sentiment Analysis of Bengali Translations of the Bhagavad Gita

- Preprocessed a 42K-sentence emotion-labeled dataset and trained a verse-level sentiment prediction model.
- Analyzed sentiment in two Bangla Gita translations using fine-tuned Bangla BERT, achieving **89.18%** chapter-level alignment.

A Mixed-Methods Study on How Departmental Culture Affects Student Motivation and Future Goals (Ongoing)

- Explored how departmental culture, peer support, faculty behavior, and academic norms shape student motivation and goals.
- Used mixed methods to reveal both statistical trends and personal experiences influencing student ambition and engagement.

Worked as an Intern Researcher at Datakothon Research Lab

- Hands-on research experience in designing experiments, analyzing datasets, and preparing research outputs.

PROJECTS

Eco-Sync

DNCC Waste Management Website

Mar 2024

Code Samurai Hackathon Project

- Built data entry modules, backend routes, **billing features** (transport slips, fuel allocation), API documentation, diagram design.
- **Tech stack:** ReactJS, Tailwind CSS, Node.js, Express.js, MongoDB.

SUST Autorickshaw Management System

Autorickshaw Management Website

Nov 2023

University Third-year Project

- Developed website to automate SUST's auto-rickshaw management, including **document collection & requirement analysis**. Features include registration, payment records, bill generation, & scheduling system for efficient daily management.
- **Tech stack:** ReactJS, CSS, Node.js, Express.js, and MySQL.

SUMMARY

Aspiring academic with a strong foundation in Python and machine learning. Eager to transition into research and pursue impactful work in academia. Also create educational content on **YouTube** to share knowledge and inspire others.

Achievements

- **Runner-up** (400+ teams) in Preliminary Round 2, Finalist, Code Samurai Hackathon, Score: 89/100
- **2nd**, BUP Project Showcasing
- Top 10, DU ITverse Hackathon
- Top 14, ITverse Project Showcasing
- **Problem Setter**, Girls in ICT Day Programming Contests (2 times)
- Top 9, SUST SWE Technovent Hackathon by Brain Station 23

EDUCATION

Shahjalal University of Science and Technology

Bachelor of Science - Software Engineering
CGPA: 3.81/4.00

M.C College

HSC - Science

GPA: 5.00 (Talentpool Scholarship)

Blue Bird School and College

SSC - Science

GPA: 5.00 (General Scholarship)

SKILLS

- Next.js, ReactJS, Express.js, Node.js, MongoDB, SQL, Python, Java, C++

IELTS

- Overall 7.5 (L-8, R-7, W-7.5, S-6.5)

REFERENCE

- Dr. Ahsan Habib
Associate Professor, IICT, SUST
Email: ahabib-iict@sust.edu
Phone: +880 1915-796886