MD. SOBUJ MIA
Competitive Programmer

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OBJECTIVES

Enthusiastic Computer Science and Engineering student with a strong foundation in both theoretical concepts and practical applications. Eager to leverage my skills in programming, problem-solving, and collaboration to contribute to innovative projects and further develop my expertise in the field.

EXPERTIES

* **Data Structures & Algorithms, Competitive Programming.**
* **C/C++ and Python Programming Languages**
* **Familiar with HTML, CSS, Bootstrap, Git**
* **MySQL Database.**
* **Analytical abilities and a logical approach to solving complex problems.**
* **Collaborative approach to projects, effective communication, and adaptability.**

PROJECTS

Sheikh Hasina University Contact App (Team Project)

Description: The SHU_Contact Android Application is a comprehensive tool developed using Android Studio, XML, and Java. It serves as a centralized platform for users within Sheikh Hasina University to access essential contact information and academic tools. The application features robust functionalities such as user authentication to ensure data security, user profiles for personalized experiences, and a directory containing contact details for faculty members and staff. Additionally, it includes a CGPA calculator to assist students in monitoring their academic progress. This project was a collaborative effort involving a team of three developers who worked together to ensure the successful delivery of the application.

Link: SHU_CONTACT Android Application Repository

Django Ecommerce project (Single Project)

Description: MilkStore is an e-commerce platform built using Django, a high-level Python web framework. It caters specifically to the sale of milk products, offering a seamless online shopping experience to users. The platform boasts a range of features including product listings to showcase available items, user authentication to safeguard account information, cart management for easy navigation and purchasing, and secure payment processing for hassle-free transactions. MilkStore aims to provide a user-friendly interface and efficient backend functionality to deliver a satisfactory shopping experience for customers.

Live Link: https://anikssp.pythonanywhere.com

Student Study Portals using Python Django (Single Project)

Description: The Student Study Portals project is a comprehensive educational tool developed using Python and Django. It offers a variety of features designed to aid students in their academic endeavors. These include a To-do List to manage tasks effectively, a Homework Tracker to monitor assignments, integration with YouTube and Wikipedia for quick access to educational resources, Unit Conversion for convenient calculations, Dictionary Lookup for quick word definitions, a Notes Section for jotting down important information, and a Library of Books for easy access to study materials. The project prioritizes user security and convenience, implementing secure login/registration processes and personalized profile management to track progress and showcase achievements.

Link: Student Study Portals Python Django Project Repository

COMPETITIVE PROGRAMMING

Codeforces   Highest Rating: **1169**[Handle: https://codeforces.com/profile/mdsobujmia]
LeetCode   [Handle: https://leetcode.com/MdSobuj/]
CSES   [Handle: https://cses.fi/user/182463]

*Solved around 500+ problems on various problems solving platform.

*Participated in 2022 ICPC Regional, 2023 ICPC Preliminary, 2023 NCPC & 100+ online contests.
*Leadership: Led coding club sessions and mentored junior students in programming concepts.

EDUCATION

Sheikh Hasina University, Netrokona   **Bachelor of Science in Computer Science and Engineering (Final Year)**

Jan 2020 – Present   • CGPA 3.50/4.00

                                            • Achieve **2nd** position in Intra Department Programming Contest Organized by SHU