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📍 Maijdee, Noakhali

https://codeforces.com/profile/Sourav_Barman
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SOURAV BARMAN
Software Engineer

SKILLS

Programming Languages:	Python, PHP, C, JavaScript, JAVA	**Front-End technologies:**	HTML, CSS, Bootstrap, JavaScript
Data Analysis:	NumPy, Pandas, Excel		
Data Visualization:	Seaborn, Matplotlib	**Back-End technology:**	PHP, Laravel
Other:	Office365, git	**Database:**	MySQL, SQLite

PROJECTS

PROJECT 1: Employee Management ⬈   Jan 2023

Laravel served as the project's framework. Here, a CRUD operation was carried out. MySQL was chosen as the database.

- Add employee information
- Delete employee information
- Edit employee information

Technologies used: Bootstrap-5, Laravel, MySQL

PROJECT 2: NSTU Club Collab ⬈   Nov 2022 — Jan 2023

This was the group project we were working on for our software project lab II. PHP and MySQL were utilized to create the project. The admin portion of my contribution was. Below are the features of our project.

- Registration via Edu mail
- Recruit members
- Post events
- Sends invitations to other clubs
- Member's payroll

Technologies used: Bootstrap-5, JavaScript, Ajax, PHP, MySQL

PROJECT 3: Heart Failure Prediction ⬈   Aug 2022 — Sept 2022

Another group project is this one. Through the 3-1 semester, we study data science, and at the end of the semester, we created a project to predict heart failure.

- Heart failure clinical record dataset from Kaggle was used.
- In the preprocessing stage, we handled with null values and modified the features by scaling each feature to a specific range using the minmax scalar.
- We utilized the Ensemble method and obtained an accuracy of 86%

Technologies used: NumPy, Pandas, Seaborn, Matplotlib, Scikit-learn

PROJECT 4: BMI Calculator ⬈   Aug 2022

This is an android based calculator app. The features are

- Design the app using a linear layout
- Using action event.
- Intent passing

Technologies used: XML, Java

EDUCATION

Bachelor of Science in Software Engineering at   2018 – 2023 (Approx.)
Institute of Information Technology,
Noakhali Science and Technology University
CGPA: 3.26 out of 4 up to 6th semester

MAJOR COURSES COMPLETED

- Data Structure & Algorithm
- Object Oriented Concepts
- Theory of Computation
- Computer Networks
- Software Requirements
- Specification and Analysis   Software Security

- Database Management System
- Design Pattern
- Software Testing and Quality Assurance
- Software Design and Architecture
- Distributed Systems
- Artificial Intelligence

ROLES AND RESPONSIBILITIES

- **Member** at BASIS STUDENT CHAPTER, NSTU
- **Member** at IT CLUB NSTU
- **Member** at DHRUPOD MUSIC CLUB

CO-CURRICULAR ACTIVITIES

- Participating Intra Department Programming Contest
- 3rd place of NSTU Best Player Award Badminton 2018-19

LANGUAGE PROFICIENCY

- Bengali (Native)
- English (Fluent)

AREAS OF INTEREST

- Machine Learning
- Software Development
- Internet of things

REFERRERS

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