Mohammed Maruf Islam

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📍 Islami Heritage, Maijdee, Noakhali

Objective

Passionate about creating innovative and impactful technology, I strive to push the boundaries of software development with effective and efficient solutions. With a strong commitment to continuous learning and exploring emerging technologies, I aim to contribute to transformative projects that drive meaningful advancements in the digital world. My goal is to use my problem-solving skills and technical knowledge to build software that makes a difference.

Education

Noakhali Science and Technology University	2022-Present
BSSE in Software Engineering	CGPA: 3.74
Year-3, Term-2	
Govt. Hazi Muhammad Mohsin College	2020
Higher Secondary Certificate, Chittagong Board	GPA: 5.00
Nasirabad Govt High School	2018
Secondary School Certificate, Chittagong Board	GPA: 5.00

Skills

- **Programming Languages** : C, C++ , Java, Python
- **Web Technologies** : HTML, CSS, JavaScript, PHP
- **Database** : MySQL, Firebase
- **Framework & Tools** : Laravel, Flutter, XAMPP, Postman, IntelliJ, Eclipse, Visual Studio Code
- **Other** : Git, Microsoft Office, Microsoft Excel, Canva

Projects

CodeNestIIT   February 2025 – April 2025

Designed and developed an interactive web-based coding platform to enhance C programming learning at Noakhali Science and Technology University. The platform enables students to practice coding, participate in contests, and engage in problem discussions, while providing teachers with full control over user approvals, problem management, and contest organization.

Key Features:

- User authentication with teacher approval system
- In-browser coding with custom input execution and test case validation
- Contest management with leaderboard ranking
- Automated plagiarism detection ($\geq 85\%$ similarity)
- Discussion forums for problem-solving and contest Q&A

Utilized Technologies: Frontend: Tailwind CSS | Backend: Laravel (PHP) | Database: MySQL

Github Link : [GitHub - MdMaruf-22/CodeNestIIT](#)

NSTU Sportify
July 2024 – November 2024

First ever sport website for my university. Key features:

- Manage teams, players, matches, and tournaments.
- Enable role-based access control for admins, representatives, and general users.
- View past tournament winners, team details, and match schedules.
- Handle representative requests for approval/rejection by the admin.

Utilized Technologies: Frontend: Flutter | Backend: Django | Database: MySQL

Github Link   : GitHub - MdMaruf-22/NSTU-Sportify

Black Star Club Management
April 2024 – January 2025

This is a comprehensive platform designed to manage all aspects of the Black Stars eFootball game club. This system helps in handling player data, match statistics, and club performance efficiently.

Key Features:

- **Player Management**: Add, update, and manage player details.
- **Match Records**: Track played matches, wins, losses, and draws.
- **Man of the Match**: Record and display the best player for each match.
- **Points Table**: Automatically calculate and display the club's points.

Technologies   : Frontend: Frontend: Flutter | Backend: Django | Database: Firebase

Github Link   : GitHub - MdMaruf-22/Black-Stars

Live Link   : https://black-stars-f4fbb.web.app/

BlogSphere
January 2024 – June 2024

A web application that allows users to create, edit, delete, comment on, like, and search for blog posts. It also features an admin panel for managing categories, posts, and comments.

- Users can interact with posts: create, edit, delete, comment, and like
- Admin panel for managing categories, posts, and comments
- Supports post searching and easy navigation via a web interface

Utilized Technologies: Frontend: HTML, Bootstrap | Backend: PHP | Database: MySQL

Github Link   : GitHub - MdMaruf-22/BlogSphere

SkyMate
January 2024 – June 2024

A Weather Forecasting Software:

- Displays weather forecasts for cities worldwide using OpenWeather API
- Supports English and Spanish languages
- Allows users to save favorite cities
- Built following the MVC model for easy maintenance and scalability

Utilized Technologies: Frontend: Java Swing | Backend: Java

Github Link   : GitHub - MdMaruf-22/SkyMate

DigitEyes
August 2023 – November 2023

A software that extracts and classifies handwritten digits from images using edge detection and machine learning.

- Uses Sobel algorithm for edge detection to extract digits
- Classifies digits with a decision tree algorithm
- Trained on the MNIST dataset for accuracy in digit recognition

Utilized Technologies: Frontend: Java Swing | Backend: Java

Github Link   : GitHub - MdMaruf-22/DigitEyes

Achievements

- ICPC Asia Dhaka Regional Onsite Contest 2024
- ICPC Asia Dhaka Regional Selection Contest 2024 : 3rd Position within NSTU
- Intra NSTU programming contest 2024   : 3rd Position
- CUSS Inter University programming contest 2024   : 16th position
- EEE Programming Contest 2023   : 4th Position
- IT Club Programming Contest 2022   : 3rd Position
- Inter Department Programming Contest 2022   : 1st Position

Online Judge(s) ID

Online Judge Name	ID	Current Status
Codeforces	DAR5EID	• Max rating: 1415(Specialist) • Problem solved: 553
Codechef	DAR5EID	• 3* Coder • Max rating: 1636 • Problems solved: 226
HackerRank	maruf_22	Badges: • Problem Solving(4*) • C (4*)
LeetCode	DAR5EID	• Max rating: 1413 • Problem solved: 114
beecrowd	DAR5EID	• Points: 473.57 Problems solved: 173
AtCoder	**maruf_22**	• Highest rating: 109-11 kyu

Position of Responsibilities

- Vice President, IT Club, Noakhali Science and Technology University   *2024-Present*
- Campus Ambassador of ICT Olympiad   *January 2023- June 2023*
- Math Expert at PhotoMath   *2020-2022*

Personal Information

Full Name   : Mohammed Maruf Islam
Date of Birth   : 31-1-2003
Father's Name   : Mozharul Islam Chowdhury
Mother's Name   : Rabeya Begum
Religion   : Islam
Permanent Address   : West Olinagor, Mirsarai, Chattogram, Bangladesh

References

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