[IRHAMUL ISLAM]

Senior-year Computer Science Engineering student at KUET, driven by a passion for building innovative solutions in software development, machine learning, and database systems. Tackled **500+ programming challenges**, sharpening expertise in data structures, algorithms, Python, and SQL.

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PERSONAL PROJECTS

T20 SCORE PREDICTION | ↗

- **Objective:** To develop a machine learning-based T20 cricket score prediction system.
- **Skills earned:** Data Preprocessing, Feature Engineering, Model Deployment, Streamlit Application Development

RESUME SCREENING PROJECT | ↗

- **Objective:** An automated resume screening system using NLP techniques to streamline candidate selection.
- **Skills earned:** NLP, Text Preprocessing, Feature Extraction, Machine Learning, Data Visualization, Python.

GOMUKO GAME-(TEAM PROJECT) | ↗

- **Objective**: Developed a Gomoku game with AI-powered strategies.
- **Skills earned**: Game Development, Artificial Intelligence, Minimax and Alpha-Beta Pruning, Fuzzy Logic, A* Search Algorithm, Collaboration, Version Control

PARKING SPACE COUNTER | ↗

- **Objective**: A project using fundamental image processing techniques without built-in library functions.
- **Skills earned**: Image Processing,Algorithm Development,Mathematical Modeling,Python

NEWS DAILY | ↗

- **Objective:** A dynamic newspaper website using Laravel PHP
- **Skills earned:** Laravel Framework, Web Development, Database Management ,Authentication, Content Management, Version Control.

ENHANCING FOOD SAFETY: A SMART SYSTEM FOR FOOD FRESHNESS DETECTION USING SENSORS (Thesis)

- **Objective:** To develop an IoT-enabled smart food freshness detection system using sensors, ensuring real-time monitoring and enhancing food safety.
- **Technology:** Gas sensors, Moisture and ph sensors, Arduino, wifi module

BADGES & CERTIFICATIONS

HackerRank Badges: SQL,C++,Python, Shell, Problem Solving

CERTIFICATIONS:

- SQL (Basic)
- Data Science For Everyone
- Introduction to Python

SKILLS

C/C++
Python
Data structures & Algorithms
Computer Networking
Operating Systems(Linux)
HTML/CSS
Database(MySQL/SQL)
Laravel
Android
Git
LaTex

EDUCATION

B.Sc - Computer Science & Engineering | [3.41/4.0]
[**KHULNA UNIVERSITY OF ENGINEERING & TECHNOLOGY**] [MAY,2025]

HSC | [4.83/5.0]
[DHAKA COLLEGE] [2019]

INTERESTS

- READING
- CARTOONING
- MUSIC