MD. NURUL AFSAR MAHAMUD BHUIYAN

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○ **ghmash2**

PROBLEM SOLVING

Vjudge : pavel (Problem Solved: 275+)

Codeforces : mash2 (Problem Solved:190+)
        Max. Rating: 1506

LeetCode : mash2 (Problem Solved: 65+)

Uva , LightOJ & Others: (**Problem Solved: 100+)**

Overall Problem Solved: **600+**

TECHNICAL SKILLS

- **Language:** C, C++, Java, PHP
- **Framework:** Hyperledger Fabric, Spring Boot
- **Database:** MySQL
- **Other:** LaTeX, Git, GitHub

EDUCATION

Bachelor of Science(Engineering) in Computer Science and Engineering

Shahjalal University of Science & Technology, Sylhet

📅 February 2017 – March 2025

Higher Secondary Certificate

Cumilla Shikkha Board Model Govt. College

📅 June 2014 – June 2016

ACTIVITIES & ACHIEVEMENT

- **SUST LICT TechFest 2019**
  Participated as a organizer of this event & also participant of programming contest.
- **SUST CSE Carnival 2017**
  Was a organizer of this event & participant of programming contest. Participated as one of the most junior team and our team solved three problems in this contest.
- **Government Scholarship**
  It was rewarded by Ministry of Education Board scholarship for my excellent result on Higher Secondary examination.

EXPERIENCES

Software Engineer (Intern)
World Tech, Dhaka

📅 02 July 2025 – Current

- learned to build UI (Support Ticket) using raw **HTML & CSS**.
- Implemented CRUD operation & role wise permission system using raw **PHP** and **MySQL**.
- learned time management and work under pressure.

PROJECTS

Book Management

- A undergoing Full-Stack project developing with PHP, MySQL, HTML and CSS. Implemented Authentication, CRUD operation and role permission feature. I'm actively adding new feature in this project.
  ○ **Book Management**

Chat Summarizer

- Developed a Python tool to analyze and summarize AI-human chat logs using NLP techniques. Implemented message parsing, keyword extraction (**TF-IDF**), and conversation statistics. Added batch processing for multiple files with a command-line interface. Integrated **HuggingFace models** for intelligent topic summarization. Demonstrates strong **Python** and **NLP** skills with practical data processing capabilities.
  ○ **Chat Summarizer**

Exam System

- Developed a robust PTE exam system using **Spring Boot** and **RESTful APIs** to dynamically retrieve a variety of question types from the database. The application displays comprehensive question details and efficiently collects user responses across different formats, ensuring a seamless and interactive exam experience.
  ○ **Exam System**

Tracking Ransomware Payment

- My work was on tracking ransomware-payments in bitcoin network and exploring a machine learning based approach to automate the tracking of these ransomware transactions.
  ○ **Tracking-Ransomware**

Real Product Detection

- This is a Blockchain-based web application to detect a product is real or fake using bar-code. This was implemented by **Hyperledger Fabric** and a few others cutting-edge technologies.
  ○ **Real-Product-Detection**