

Hossain Mahmud

📍 Dhaka ✉ hmsayem@gmail.com ☎ +8801300843112 🌐 hmsayem in hmsayem 📧 hmsayem

Profile

Strong in **Algorithm** and **Data Structure** with intuitive problem-solving skills. Passionate about implementing and launching new projects.

Education

Bangladesh University of Professionals
BSc in Information & Communication Engineering
CGPA: **3.78/4.00**
Graduating on February, 2021

Notre Dame College, Dhaka
Science (2013 - 2015)
GPA: 5.00/5.00

Competitive Programming and Problem Solving

Problem-Solving in Different Online Judges:

- Solved **1000+** problems in various online judges.
[StopStalk Profile] 🔗

Online Programming Contest Performance:

- Within the top **10%** of Bangladeshi contestants in platforms like Codeforces and Codechef

Inter University Programming Contest (IUPC):

- Stood 6th in BAIUST IUPC 2020 🔗
- Honorable Mention in 22nd ICPC Dhaka Regional 🔗

Volunteering Experience

Vice President, BUP InfoTech Club

Arranged workshops and programming competitions involving hundreds of participants.

Programming Mentor, IEEE BUP WIE Affinity Group 🔗

Guided the freshmen and college affiliated students to advance their career in programming.

Programming Challenge Creator

Created programming challenges for BUP Intra University Programming Contests. [Problemset] 🔗

Certifications

- Object-Oriented Design**, *LinkedIn Learning* 🔗
- Learning SQL Programming**, *LinkedIn Learning* 🔗
- Problem Solving Certificate**, *Hackerrank* 🔗

Technical Skills

Languages & Frameworks: C, C++, Python, Django

Software Development: OOP, OOD, Agile, UML

Databases: SQL, SQLite

Version Control System: Git, Github

Design Skills: CSS, Bootstrap

Other Skills: Data Structure & Algorithm

Projects

VERDICT | WEBSITE 🔗, GITHUB 🔗

- A fully featured **blog application** demonstrating MVC architecture in **Django**.
- Implemented with all the best practices like User Authentication, Create, Update, Edit & Delete Posts, Comments, Likes and many more.

ONLINE SUDOKU SOLVER | GITHUB 🔗

- A web application built with python to visualize sudoku solving using **Backtracking** algorithm.
- Implemented automation using PyAutoGUI module.

A PORTFOLIO SITE | WEBSITE 🔗, GITHUB 🔗

- My own portfolio site built with HTML, CSS and Bootstrap and JavaScript.

SPORTS NEWS AGGREGATOR | GITHUB 🔗

- A web application built with Django which aggregates latest sports news from multiple websites.
- Implemented Web Scraping using BeautifulSoup and Selenium for dynamic pages.