Samiul Azam Shuvo

Competitive Programmer | MERNStack Developer

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Education

International Islamic University Chittagong

Bachelor of Science in Computer Science and Engineering

- Courses: CP, Software Development, Object-Oriented Programming, Database Management, Data Structures & Algorithms, Discrete Math, Machine Learning, Artificial Intelligence, Statistics, Calculus, Image Processing
- Achievements: CSE FEST Inter Dept. Debate Tournament-2022 (IIUC-Group Round) CSE FEST Idea Generation-2022 (IIUC-Group Round) BDApps National Hackatho-2022 (Robi-Divisional Stage) Ride for -CO2 Cycle Rally (VBD, US Embassy Dhaka) Calligraphy Competition of Ramadan Fest 2023 (IIUC Computer Club-3rd Place)

Technical Skills

Software

- Programming Languages: <u>C/C++</u>, Project experience Python & <u>JavaScript,HTML5/CSS4</u>
- Web development: Html, CSS, <u>MERN</u> <u>stack (Express, React, Node JS, REST API)</u>
- Tools: Git/GitHub, VS Code, Google Colab, Jupyter, Figma, Canva
- Database: SQL, Mongo DB
- Data Structures and Algorithms: Solved 250 problems and completed various Study Plans
- Concepts: Computer Security and Network, SDLC (<u>Agile</u>)
- Problem-Solving: Solved <u>1200+ problems</u> on Codeforces and other online judges.

Programming Contest:

IIUC Intra Dept. Junior Programming Contest
IIUC Intra Dept Programming Contest (Team)
The 2021 ICPC Asia Dhaka Regional Site Online
Preliminary Contest (Team)
East Delta University Inter-University Engineering
Day 2022 (Team, 5th in IIUC)
Participated in more than 90 online contests on
various online judges (Codeforces, Codechef, Atcoder etc.)

Hardware

- Arduino Project: Line Following Robot
- Workshop on Crafting Drone-2023 (IEEE RAS IIUC SBC, Bangladesh Flying Labs)

Extracurricular Activities:

Teaching Assistant at International Islamic University Chittagong

Ast. Social Welfare Secretary at IIUC Computer Club Institute Representative at Volunteer For Bangladesh Executive at IIUC Data Science and Research Group University Ambassador at ICT Olympiad Bangladesh District Volunteer at National STEAM Olympiad Career seminar of BRAC IT-2022 (Participation) Covid-19 Awareness and Prevention (BRAC & MuktoPath)

Online Judges:

CodeForces: codeforces.com/profile/Samiul_Shuvo ☑ CodeChef: codechef.com/users/samiulshuvo ☑ AtCoder: atcoder.jp/users/SamiulShuvo ☑ LeetCode: leetcode.com/user4937td/ ☑

Projects

Sales Management System: https://github.com/Samiul-Shuvo/Sales-Management-System-Using-Python
News Portal: https://github.com/Samiul-Shuvo/react-dragon-news-auth
Coffee Store: https://github.com/Samiul-Shuvo/coffee-store-server-with-auth
Juice Bar Management System - Java(team), MySQL, Netbeans
Currently Working on a Cloud Kitchen Project using MERN (MVC architecture)