

Sadat Islam

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PROFESSIONAL SUMMARY

Computer Science and Engineering student with a strong passion for competitive programming and software development. Experienced in solving algorithmic and data structure problems with active participation in ICPC, IUPC and Codeforces contests. Skilled in problem solving, analytical thinking and teamwork, with a continuous drive to learn new technologies and build impactful software solutions.

WORK EXPERIENCE

Competitive Programming Trainer

Jul 2025 - May 2026

Bangladesh University of Business & Technology

On-site · Dhaka

- Helped junior students get comfortable with competitive programming by showing them how to approach problems step by step.
- Worked with them to build stronger thinking skills so they can break down problems and figure out efficient ways to solve them.
- Shared my knowledge of algorithms and data structures through practice sessions and real problem-solving examples.

EDUCATION

Bangladesh University of Business & Technology | Dhaka

Jan 2023 - Dec 2026

B.Sc in CSE

- **Relevant Coursework:** Data Structures, Machine Learning, Data Mining, IoT.
- **Activities:** Active member of the **University Programming/Computer Club**.

PROJECTS

CampusLink – University Networking Platform |  GitHub

React Native, ExpressJS, NodeJS, MongoDB

- Developed a mobile networking application enabling university students to connect, build collaborative teams, and find project teammates based on skills.
- Implemented secure JWT user authentication with email verification, real-time messaging, and interactive team/project discovery boards.
- Engineered a scalable system using React Native (Expo) for frontend, Node.js/Express for backend, and MongoDB for seamless database and storage operations.

Supermarket Billing System – Retail Management Application |  GitHub

C++, File Handling

- Acted as the team leader for a 5-member team, managing task distribution, timeline coordination, and ensuring seamless collaboration to achieve timely delivery.
- Implemented robust Object-Oriented Programming (OOP) core concepts to design a modular, scalable, and highly structured console-based application.
- Integrated efficient file handling mechanisms for permanent data storage, enabling smooth retrieval and updating of product inventory and sales records.

Automated Business Solution – QR Code Integrated Desktop Tool |  GitHub

Python, Tkinter, QR Code API

- Developed a desktop automation application using Python and the Tkinter framework to optimize daily retail workflow and business management.
- Integrated QR code generation and verification functionality to facilitate instant digital billing, stock checking, and accurate product tracking.
- Designed an intuitive and interactive Graphical User Interface (GUI) coupled with secure local data logging for seamless transactional history tracking.

SKILLS

Programming Languages : C, C++, Java, Python, JavaScript
Frameworks & Libraries : React, Next.js
Tools & Platforms : Git, GitHub, Linux
Databases : MongoDB, MySQL, Firebase
Data Science & ML : EDA, Data Preprocessing, Feature Engineering, Model Training, Fine-tuning, Evaluation
Soft Skills : Problem Solving, Critical Thinking, Teamwork, Communication, Leadership
Languages : English

CERTIFICATIONS

Competitive Programming Jan 2023 - Dec 2024
YouKnowWho Academy

Web Development Course
Programming Hero

AWARDS & ACHIEVEMENTS

IUT - 12th ICT FEST (IUPC) <i>Islamic University of Technology</i> Rank: <i>Standing</i> (Team: <i>BUBT_TorMuzZ</i>)	July 2026
SUST - CSE Carnival 2026 (IUPC) <i>Shahjalal University of Science and Technology</i> Rank: <i>Standing</i> (Team: <i>BUBT_TorMuzZ</i>)	July 2026
DUET - CSE Fest 2026 (IUPC) <i>Dhaka University of Engineering and Technology</i> Rank: <i>Standing</i> (Team: <i>BUBT_TorMuzZ</i>)	Jun 2026
NDUB - CSE Fest 2026 (IUPC) <i>Notre Dame University Bangladesh</i> Rank: <i>Standing</i> (Team: <i>BUBT_Almost_ac</i>)	May 2026
BUET - CSE Fest 2026 (IUPC) <i>Bangladesh University of Engineering and Technology</i> Rank: <i>Standing</i> (Team: <i>BUBT_Pothohara</i>)	Feb 2026
ICPC Asia Dhaka Regional Contest (ICPC) <i>Bangladesh University of Business and Technology</i> Rank: <i>Standing</i> (Team: <i>BUBT_Mudbloods</i>)	Dec 2025
NWU - CSE Fest 2025 (IUPC) <i>Khulna North Western University (NWU)</i> Rank: <i>Standing</i> (Team: <i>BUBT_CodeStorm</i>)	Oct 2025
BUBT Inter University Collaborative Programming Contest - (BIUCPC) <i>Bangladesh University of Business and Technology</i> Rank: <i>Standing</i> (Team: <i>BUBT_Mudbloods</i>)	Nov 2025
NASA Space Apps Challenge - 2024 (Hackathon) <i>American International University Bangladesh</i>	Oct 2024

COMPETITIVE PROGRAMMING

Codeforces:

- Codeforces Handle : [sadat_islam](#) (Specialist)
- Max Rating : 1421

CodeChef:

- Codechef Handle : [sadat_islam96](#)
- Max Rating : 1500+ (2★ Rated)

Leetcode:

- Leetcode Handle : [sadat_islam](#)