

# Arif Rahman Sikder

An honest, dynamic problem-solver and learner eager to create innovative tech solutions.

📍 Chittagong, Bangladesh

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## Education

### International Islamic University Chittagong

B.Sc. in Computer Science & Engineering; CGPA: 3.28/4.00

Chittagong, Bangladesh

2021 – 2025

### Chattogram Cantonment Public College

Higher Secondary Certificate; GPA: 5.00/5.00

Chittagong, Bangladesh

2017 – 2019

### South Point School & College

Secondary School Certificate; GPA: 5.00/5.00

Chittagong, Bangladesh

2015 – 2017

## Experience

### International Islamic University Chittagong

Undergraduate Teaching Assistant

Chittagong, Bangladesh

2023-6months

- **Teaching Assistance:** Assisted in teaching EEE-1222 (Electrical Engineering Fundamentals).
- **Student Support:** Helped students understand theoretical concepts and practical lab components.

## Skills

**Languages & Tools:** C/C++, Python, JavaScript, LaTeX, Firebase, GNS3, AI Tools

**Frameworks:** Bootstrap, Tailwind CSS, React, Node.js, Express

**Databases:** MongoDB, Oracle

**Dev Tools:** Git, GitHub

**Concepts:** Software Engineering, Data Structures & Algorithms, Computer Networks, Web Development, Machine Learning, Deep Learning, OOP, Competitive Programming

**Touch Typing:** 80wpm

## Projects

**Rahman Bank:** A beginner-friendly banking app to calculate savings and expenditure, created using HTML, CSS, Bootstrap, and JavaScript (2024).

**VIBECRAFT:** An award-winning agency clone website built with HTML, CSS, JavaScript, GSAP (GreenSock Animation Platform), and Locomotive Scroll (2024).

**Computer Networks Team Project:** Enhanced network redundancy and efficiency using HSRP and OSPF in GNS3 (2024).

## Problem Solving

**Online Judges:** Solved problems on various platforms including Codeforces, Codechef, LeetCode, and AtCoder.

**Profiles:** Codeforces, Codechef, LeetCode, AtCoder.

## Extra-curricular & Leadership Activities

**Newsletter Editor, Treasurer:** IEEE Computer Society IIUC Student Branch Chapter (Content Writing and Finance, 2 years).

**Assistant Content and Organizing Secretary:** IIUC Competitive Programming Society (Media and Content creation, 1 year).

**Assistant Press & Publication Secretary:** IIUC Computer Club (Content writing, 2 years).

**Research Group Member:** IIUC Data Science Research Group (2 years).

**IEEE CS Volunteer:** International Conference on Innovations in Science, Engineering and Technology (ICISSET 2024)

**IIUC Computer Club Representative:** 15th IIUC Inter University Programming Contest 2023

## Paper and Publications

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- Bangla Sign Language Recognition:** Lightweight Convolutional Neural Network with Self-Attention Mechanism for Bangla Sign Language Recognition (Conference Name - ECCE-2024).
- Eggplant Yield Prediction:** Eggplant Yield Prediction Utilizing 130 Locally Collected Genotypes and Machine Learning Model (Conference Name - ICCIT-2023).

## Certifications

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- C++ Programming:** Phitron (2023)
- Data Structures & Algorithms (C++):** Udemy (2023)
- Git and GitHub:** Udemy (2023)
- Eggplant Yield Prediction:** ICCIT (2023)
- Front-End Development (React):** CUET EDGE Program (2024)

## Languages

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**English:** Fluent    **Bengali:** Native    **Arabic:** Intermediate