

Mohammad Abu Bakkar Siddik

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EDUCATION

B. Sc. in Computer Science & Engineering

International Islamic University Chittagong

Chittagong, Bangladesh

CGPA: **3.82** out of **4.00**

January 2021 – January 2025

COMPETITIVE PROGRAMMING BACKGROUND

Online Judges

- **Codeforces**
Username: [Abs_Shagor56](#) | Max Rating: 1449(Specialist)
- **Codechef**
Username: [abs_shagor56](#) | Max Rating: 1704(3*)
- **Leetcode**
Username: [AbsShagor56](#) | Max Rating: 1608(Top 21%)

Programming Contest

Participated in **15+** national-level onsite programming contests and **150+** online programming contests.

Problem Solving

Solved **2000+** problems in various coding platforms, including Codeforces, Codechef, CSES, UVa, Leetcode etc.

ACHIEVEMENTS

International Collegiate Programming Contest (ICPC)

- Qualified for and participated in International Collegiate Programming Contest (ICPC) Asia Dhaka Regional 2023 hosted by Bangladesh University of Business and Technology (BUBT).

Inter University Programming Contest (IUPC)

- **2nd Runner Up** among 70 Teams in IIUC Inter University Programming Contest (IUPC) 2023.
- **11th** among 48 Teams in CU Inter University Programming Contest (IUPC) 2024.
- **24th** among 108 Teams in IUT Inter University Programming Contest (IUPC) 2024.
- **25th** among 70 Teams in PU Inter University Programming Contest (IUPC) 2024.
- **43th** among 160 Teams in KUET Inter University Programming Contest (IUPC) 2025.
- Also participated in BUET IUPC, CUET IUPC, SUST IUPC, SEC IUPC.

Intra-University Programming Contest (IUPC)

- **2nd Runner Up** in IIUC Intra-University Programming Contest 2021 organized by IIUCCPS.
- **2nd Runner Up** in IIUC Intra-University Programming Contest 2023 organized by IIUCCPS.

Best Performer

- Competitive Programming Bootcamp Spring 2022 hosted by IIUCCPS, IIUC

Team Name: Big_Brothers

Handle: C211056 x ABS_SHAGOR

TECHNICAL SKILLS

Programming Languages: C, C++, Python, JavaScript

Web Technology: HTML5, CSS3

Frameworks & Libraries: ReactJs, ExpressJs, Tailwind, DaisyUI, Selenium, Scikit-learn, NumPy, Pandas, Matplotlib

Database & Cloud Hosting: MongoDB, Firebase, Vercel, Netlify, Surge

Data Structure & Algorithm: Proficient in DSA, with hands-on experience in solving complex problems efficiently.

Machine Learning & Deep Learning: Supervised Learning (Regression & Classification), Computer Vision (CNN & Transfer Learning), Evaluation metrics (F1, Recall, Precision, Accuracy etc.).

Version Control & Others: Git, GitHub, Formspree.

PROJECTS

1. The Bangladesh Times | [Live Link](#) | [Github](#)

September 2025

- A modern news platform with secure authentication, dynamic content categories, responsive design, social sharing, personalized user experiences, delivering seamless and engaging news consumption.
- Tools used *ReactJs, Tailwind, Firebase, ContextAPI, DaisyUI etc.*

2. Bean & Leaf | [Live Link](#) | [Github](#)

October 2025

- A full-stack coffee management platform featuring secure authentication, admin-only access controls, dynamic product listing, data CRUD operations, responsive design and message feature for user communication.
- Tools used *ReactJs, ExpressJs, MongoDB, Firebase, Formspree, Tailwind, DaisyUI etc.*

3. Siddiks | [Live Link](#) | [Github](#)

August 2025

- My portfolio website highlights my skills, projects, and experience as a developer. It reflects my personal brand and helps connect with clients, employers, and tech communities. The website is fully responsive and interactive.
- Tools used *Raw HTML, Raw CSS + Tailwind, Javascript, Formspree etc.*

EXPERIENCE

Teaching Assistant

July 2024 – December 2024

Dept. of CSE, International Islamic University Chittagong

Course Title: Competitive Programming I & II

Competitive Programming Bootcamp Mentor

January 2022 – June 2022

Dept. of CSE, International Islamic University Chittagong

RESEARCH EXPERIENCES

Deep Learning Approach to Detect Autism Spectrum Disorder (ASD)

January 2025 – March 2025

I developed a deep learning system to predict ASD in toddlers using facial images and behavioral features, merging two datasets by gender and class; I trained multiple CNN models, with the best achieving 98.43% accuracy.