

SADIA AFRIN

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📍 Khulna

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CAREER OBJECTIVES

Motivated and detail-oriented final-year undergraduate student in Computer Science with a strong foundation in algorithms, data structures, and software development principles, and proficient in competitive programming. Eager to apply problem-solving skills, technical knowledge, and a passion for innovation to contribute effectively in a dynamic and collaborative environment. Committed to continuous learning and professional growth, with a long-term vision of driving impactful cutting-edge technology solutions.

EDUCATION

B.Sc. in Computer Science and Engineering
Khulna University of Engineering & Technology

📅 Jan 2020 – April 2025 (expected)

TECHNICAL SKILLS

- **Languages:** C, C++, Python, Java, C#, SQL, Html, CSS, PHP, swift, Git, Latex
- **Technologies:** Laravel framework, OpenGL, SQL Server, XCode, Android Studio, VS code, Unity 2022
- **Operating System:** Windows, Ubuntu, MacOS
- **Codeforces** - 1042 (**Handle** -me_error)
- **Codechef** - 1559 (**Handle** - try_again_37)

ACHIEVEMENTS

- 🏆 **6th Nation Girls' Programming Contest - 2022**
Position: 8th
- 🏆 **Intra KUET Programming Contest - 2023**
Position: 10th
- 🏆 **ICPC Dhaka Regional 2024 - DIU**
Position: 170th
- 🏆 **Khulna Regional Inter University Programming Contest (KRI-UPC)**
Position: 35th

EXTRA-CURRICULAR ACTIVITIES

- **BitFest 2025, KUET** - Event Organizer
- **Special Group Interested in Programming Contest (SGIPC), KUET**
- Mentor for girls
- **Spectrum (professional skill development club)**
- Junior Executive
- **KUET Debating Society (KDS)** - Debater

PROJECTS

EasyLand

- Developed an app for land trading management that implements a customized blockchain framework.
- **Tools:**Android Studio **Language:**Java

Gadget Store

- Developed an e-commerce Android app for browsing and purchasing gadgets with payment options.
- **Tools:**Android Studio **Language:**Java

DinLipi

- Developed an iOS calendar integrating a weather forecasting feature and a notes app.
- **Tools:** Xcode **Language:** Swift

Gadget Store

- Developed a e-commerce website using the **Laravel framework**, featuring secure user authentication, product management, and a cart system.
- **Tools:** VS code **Language:** PHP

Pastry & Coffee shop

- A 3D visualization of a pastry and coffee shop developed using **OpenGL** for rendering, with Visual Studio and **CMake**
- **Tools:** Visual Studio **Language:** cpp (Opengl)

2D jump game

- A 2D jump game developed in **Unity**, where players control a character navigating through obstacles by jumping.
- **Tools:** Unity 2022 **Language:** C#

2048 AI

- Developed the 2048 game, implementing algorithms such as Minimax,alpha-beta running,genetic algorithms,fuzzy logic to optimize gameplay.
- **Tools:** Spyder **Language:** Pytho

Database project

- Developed an e-commerce management system named Gadget Store.
- **Tools:** Oracle 10g, MySQL **Language:** pl-sql