

FABIHA AFROSE REDITA

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SKILLS

- Programming Language: C++ (Advance), Dart (Modest), Java (Modest), PHP(Modest)
- Framework: Flutter
- Database Management System: MySQL
- Problem Solving: Around 3+ years of experience of problem solving in C++, solved 300+ problems all together
- Tools: Visual Studio, Google Colab, Jupyter Notebook

PROJECTS

Ecommerce Platform:

- It features a typical e-commerce app which supports product listing, a shopping cart, and a checkout page
- **Framework: Flutter**

Location Tracking:

- It will track the location of the user by running in the background and give the live updates
- **Frontend: Flutter** **Database Management System: MySQL** **Backend: PHP**

Check the Weather:

- Displays real-time weather updates using the OpenWeather API.
- **Technology: Flutter, OpenWeather API**

Dart Practice:

A collection of solved problems using Dart

WORK EXPERIENCE:

Spectrum Software & Consulting Ltd

Software Engineer - Intern

- Developed a Domain-Specific Language (DSL) for generating business flowcharts from scratch
- Used ANTLR for lexer and parser generation in Java.
- Designed Abstract Syntax Trees (AST) and implemented tree data structures to manage parent-child relationships for inheriting properties (color, size, position).
- **Key Concepts:** Object-Oriented Programming, Data Structures & Algorithms, Compiler Design

ONLINE JUDGE ID

- [Codeforces handle](#): Solved 210+ problems on Codeforces, attempted 247 problems, Max Rating – 1361
- Leetcode handle: [Fabiha Afrose](#)

EDUCATION

Khulna University of Engineering & Technology (KUET)

2019 – 2024

Bachelor in Computer Science and Engineering

ACHIEVEMENTS

Dean's Award (KUET)

2019 – 2020

Attaining CGPA-3.75 or above on 2019-2020 session