

# DIPTO SAHA

Khulna, Bangladesh

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Profiles:  LeetCode  Codeforces



## SUMMARY

Proficient in competitive programming with a solid foundation in data structures and algorithms, consistently solving complex problems efficiently. A fast learner with excellent communication skills, capable of articulating intricate technical concepts clearly and effectively in team collaborations or presentations.

## EDUCATION

### B.Sc. in Computer Science and Engineering

Khulna University of Engineering & Technology (KUET)

January 2020-April 2025(Expected)

## TECHNICAL SKILLS

**Programming Languages:** C (Intermediate), C++ (Intermediate), Python (Beginner)

**Frameworks & Tools:** ASP.NET, OpenGL, Android Studio, Git

**Database:** MySQL

## MAJOR PROJECTS

### Cardiac Recorder

A demo Android app to track blood pressure and heart rate with an intuitive interface. Built in Java with Firebase for secure, synced data storage across devices.

### Cat Shop

This online shopping website is built using ASP.NET, C#, HTML, and MySQL, with an integrated machine learning model for cat breed detection. Users can browse and purchase pet-related products, while also uploading images of their cats to identify the breed. The platform provides personalized product recommendations based on the detected breed and user preferences.

### RentACar

This online car rental website is developed using ASP.NET, C#, HTML, and MySQL. It enables users to browse and rent cars, manage their personal profiles, and view booking history. Administrators can efficiently manage car listings, user accounts, and rental bookings through a secure backend system.

### PDFReader

An Android app that lets users read PDFs and create new ones from selected or captured photos, with customizable layouts. It also offers basic file management, export, and sharing features for easy PDF handling.

## PROBLEM SOLVING

- 600+ problems solved on Codeforces focusing on different data structures and algorithms.
- 65+ problems solved on LeetCode focusing on different data structures and algorithms.

## EXTRA-CURRICULAR ACTIVITIES

Special Group Interested in Programming Contest(SGIPC), KUET

Campaign Editor

CSE Association, KUET