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## HASIB HASAN

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## Objective

I am a recent Computer Science and Engineering graduate from KUET, passionate about software development and problem-solving. I have experience with Python, Java, C++, C, and SQL, along with hands-on projects showcased on GitHub. As the Treasurer of the Notre Dame Cultural Club, I improved my leadership, communication, and teamwork skills. I'm also an active competitive programmer driven by a love for solving problems. My goal is to grow as a software engineer and contribute to Bangladesh's tech industry.

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## Education

### BSc. (Engr.) Computer Science and Engineering

Khulna University of Engineering & Technology (KUET)  
CGPA: 3.83

2020-2024

### Higher Secondary School Certificate (HSC)

Notre Dame College, Dhaka  
GPA: 5.00  
Govt. Scholarship

2017-2019

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## Competitive Programming

[CODEFORCES](#)

Solved 865 problems with 1375 contest rating

[Virtual Judge](#)

Solved 132 problems

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## Academic Project

### [Blockchain-Based-Transaction-App-From-Scratch](#)

Kotlin | Android Application

A custom blockchain-based transaction system. Perform secure transactions and participate in the mining process to add new blocks to the blockchain. The system ensures data integrity and security through digital signature.

### [Chain-Reaction-Game-Play-with-AI](#)

Python | AI | GE | Minmax | Fuzzy

The Chain Reaction game offers a highly engaging and competitive gameplay experience, challenging players' strategic thinking.

### [Hand-Gesture-Car-with-Obstacle-Avoider](#)

Arduino uno | C++

Car movement is based on hand gestures. The car also features ultrasonic sensors for obstacle detection and avoidance.

### [EZ-Quiz](#)

Java-fx | mySQL

Desktop-based software that bridges the communication gap between teachers and students, enhancing the learning process through timed quizzes, seamless result analysis, and interactive participation.

### [Restaurant-Database-Management-System](#)

Oracle | Database

Developed a "Restaurant Database Management System" database project using Oracle 10G Express Edition. Implemented several SQL queries for finding information.

### [Cardiac Recorder](#)

Android | Java | Firebase

Cardiac Recorder is a simple, useful and user-friendly android application to monitor a person's heart rate, blood pressure

### [Compiler-Design](#)

Bison | Flex | C

A compiler designed to transform a custom language code into C program and execute it

## Thesis

Top-k Query Processing over Data Streams.

## Language Proficiency

proficient in **Bangla** and **English**

## Technical Skill

<b>Programming Language</b>	C, C++, Java, Python, C#, HTML, SQL
<b>Database</b>	Oracle, Firebase
<b>Framework and SDK</b>	ASP.NET, IOS, Android
<b>Others</b>	GIT, LaTeX

## Extra-Curricular Activities

<b>Treasurer, Notredame Cultural Club</b>	2018-2019
Organized many workshops, intra-college and national Cultural Competitions. I enjoy playing the <b>piano</b> , <b>guitar</b> , <b>creating art</b> , and playing <b>chess</b>	

## Awards

<b>BEST TEAM 2K19</b>	
<b>INTRA KUET PROGRAMMING CONTEST 2023</b>	2023
Intra KUET Programming Contest is one of the most prestigious tournaments arranged by KUET SGIPC	
<b>Dean's Award</b>	
Dean's award from The Honorable Dean of Faculty of Electrical and Electronic Engineering (EEE), KUET for excellent results.	2020,2021,2022

## Reference

**Dr. K. M. Azharul Hasan**  
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