

## Education

- **Khulna University of Engineering & Technology** **January 2020 – Present**  
B.Sc. Computer Science & Engineering (CGPA-**3.82/4.00**)

**Areas of Interest:** Software Development, Web Development, Problem Solving, Machine Learning.

**Relevant Courses:** Structured Programming, Object Oriented Programming, Database, Data Structures & Algorithms, Operating System, MERN Stack, Machine Learning & Natural Language Processing.

## Technical Skills

- **Languages:** C, C++, Python, HTML, JavaScript, Java, SQL, Swift
- **Skills:** Problem Solving, Web Development (MERN Stack), Android Studio.
- **Technologies:** Git.

## Projects

### Doctor Chat

*NLP | Flask | React | Python | MySQL | Colab*

- This is a chat bot developed using python flask architecture and React.
- The model used was based on NLP.

### Inventory Management

*HTML | Tailwind CSS | React*

- An e-commerce like react web application for adding products and customer carts.
- Currently working on backend part using MERN Stack.

### Shop Management Database

*Oracle | Database | SQL*

- With the concept of a Shop managerial works, a console application was developed.
- Involved regular SQL queries.

### Pure Connect

*IOS | Swift*

- An application like social media platform.
- Incorporating diverse functionalities and developed as a collaboration.

### Cardiac Recorder

*Android | Java | Firebase | UI Testing | Unit Testing*

- An android application to keep a record of cardiac health
- Firebase Realtime database with attractive UI was used.

### Chat App

*Android | Java | Firebase*

- An android application of a mock stock exchange.
- The application was coded with java and firebase Realtime database was used.

### GO Game

*Python | AI | AI Algorithms*

- An AI based two-player game.
- Build with minmax algorithm, genetic algorithm and fuzzy logic.

## Research Experience

- My final year thesis is on handwritten text recognition supervised by Professor Dr. Muhammad Sheikh Sadi.
- Worked with Professor Dr. K. M. Azharul Hasan on a Chat bot Web App using NLP.

## Awards and Achievements

- Deans Award 2 times in 2021 and 2022.
- Got the certificate from ITEE for passing Level-2: FE exam in 2023.

## Leadership and Other Activities

- Member, Bit2Byte a software development club of KUET.
- Member, SGIPC a competitive programming community in KUET.