



# Nusrat Jahan Tانيا

## CONTACT

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MUGDA.BASABO-1214, MUGDA,  
DHAKA

## SKILLS

- JAVA
- PYTHON
- SQL
- TEAM LEADERSHIP
- PROJECT MANAGEMENT
- PROBLEM SOLVING
- HARDWARE PROJECT
- OPERATING SYSTEM
- MATHEMATICS

## LANGUAGES

- ENGLISH
- BANGLA
- HINDI

## HOBBIES

- READING
- TRAVELING
- CRAFTING
- VOLUNTEERING
- COOKING

## SUMMARY

Enthusiastic Computer Science and Engineering student at Notre Dame University Bangladesh with a strong academic foundation in science. Passionate about applying technical expertise to innovative solutions in a dynamic work environment.

## EXPERIENCE

### Technical Projects:

Sliding Puzzle Game with Pathfinding Algorithms (Python)-Developed a puzzle game integrating BFS, DFS, and A\* search algorithms.

Real-Time Bangla Sign Language Recognition (Thesis Project)-Developing a system that integrates text and speech output from sign recognition.

Line Following Robot (LFR) – Hardware Project-Designed and built an autonomous robot capable of following a predefined path.

### Leadership & Extracurricular Activities:

Secretary, Decoration Team | Notre Dame University Computer Club.

Lead the decoration team in organizing tech events, seminars, and workshops. Designed creative setups and visual presentations for university programs Collaborated with team members to enhance event aesthetics and engagement.

### Achievements & Awards:

2nd Place – Art Competition | [2024]-Recognized for creativity and artistic skills in a competitive event.

Earned multiple volunteer certificates for contributions to technology and community-driven programs.

## EDUCATION

### SECONDARY SCHOOL CERTIFICATE (S.S.C)

NAME OF INSTITUTION: Chapain New Model High School.

GROUP: Science. GPA: 4.56

### HIGHER SECONDARY SCHOOL CERTIFICATE (H.S.C)

NAME OF INSTITUTION: R.K. Chowdhury College.

GROUP: Science. GPA: 4.50

### HONOURS

Notre Dame University Bangladesh. Department of Computer Science Engineering (CSE)- Running (4<sup>th</sup> year 2<sup>nd</sup> semester).