

Nanjiba Ibnat Farazi

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Portfolio: [nif-portfolio](#)

Education

Military Institute of Science and Technology

Bachelors of Science(B.Sc) in Computer Science and Engineering(CSE) [Ongoing]

Current CGPA 3.88

Mirpur Cantonment, Dhaka

Adamjee Cantonment College

Secondary School Certificate (SSC)

Batch: SSC-20

GPA 5.00

Dhaka Cantonment, Dhaka

05 March 2020

Bangladesh International School and College

Higher Secondary Certificate (HSC)

Batch: HSC-22

GPA 5.00

Mohakhali D.O.H.S, Dhaka

22 December 2022

Notable Projects

- **Pathtrekker**

Pathtrekker is a Java-based desktop application designed as an intelligent travel companion to simplify and enrich the travel experience. It provides personalized itineraries, real-time information on attractions, accommodations and transport, along with seamless navigation—ensuring every journey is smooth, informed and hassle-free.

- **Shodesh**

Shodesh is a volunteer-driven donation platform that connects donors with verified individuals and foundations across Bangladesh. It supports transparent, geo-based donations with proof tracking, emergency campaigns, basic fraud detection, secure payments and volunteer ratings.

- **Autonomous Pick and Drop Robotic Arm**

This project develops an autonomous pick-and-place robotic arm with a 4-DOF arm on a horizontal slider. Using an IR sensor and Arduino Uno, the system detects objects, picks and places them at a predefined location and returns automatically using servo motors and a stepper-driven slider.

- **SlumLink**

SlumLink is a smart digital platform for urban slum management. It enables household registration, text/voice complaint reporting, event management and real-time dashboards—helping NGOs and authorities deliver services transparently and efficiently.

Experience

Blessings for Human Foundation

Team Lead

Worked as Team-in-charge for Project ‘Warmth’ (Winter Clothes Distribution) and Project ‘Ramadan’ (Food for all in the Holy month). Worked to allocate donations, arrange and communicate with sponsors and distribute aids.

Dhaka, Bangladesh

2021

Achievements

- **Best volunteer and team award** Blessings for Human Foundation
Awarded as the best Volunteer (individual) and best Team for outstanding performance in Project 'Warmth'.
- **Principal's Achievement Award**
Academic Scholarship Adamjee Cantonment College
- **Dean's List - 2024** Military Institute of Science and Technology
- **Academic scholarship in Level-2 (Term-1)** Military Institute of Science and Technology

Technical Skills

- **Languages:** C, C++, Java, JavaScript, Python, SQL(Oracle, MySQL), Assembly, HTML5, CSS3
- **Frameworks & Libraries:** ReactJS, NextJS, NodeJS
- **Tools & Platforms:** Git, GitHub, Linux, Figma, Proteus, Postman, Arduino IDE

Other Skills:

Language: Bangla(Native), English(Fluent), Spanish(Basic)
Soft Skills: Time Management, Attention to Detail, Teamwork, Writing skills
Interests: Travelling, working for human and animal welfare