



Mahapara Naim

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🎓 EDUCATION

B.Sc. in Computer Science & Engineering

Military Institute of Science and Technology (MIST) [🔗](#)
CGPA : 3.49/4.00

Feb 2019 – Mar 2023
Mirpur,Dhaka-1216, Bangladesh

Higher Secondary Certificate(HSC)

Rajuk Uttara Model School & College
GPA : 5.00/5.00

Feb 2016 – Feb 2018 | Dhaka, Bangladesh

Secondary School Certificate(SSC)

Rajuk Uttara Model School & College
GPA : 5.00/5.00

Feb 2014 – Feb 2016 | Dhaka, Bangladesh

📁 WORK EXPERIENCE

John Hopkings Center for Communication Programs, Web Developer

Jul 2023 – Oct 2023

- Working as a frontend developer on a ChatApp project
- Worked on few features like adding animated logos, success stories form submission on a project named Durnibar - for preventing Child Marriage using Nextjs & Strapi

Trust Bank Limited, Software Engineering, Internship

Feb 2022 – Mar 2022

Developed an Android Application that is identical to the app of Trust Bank Limited using Flutter framework & Firebase as database.

📁 PROJECTS

LiveChat [🔗](#)

2023

A live chatroom to have confidential conversions between each other using Nextjs, SocketIO & shadcn/ui

Link Cut - URL shortener for better readability [🔗](#)

2023

A URL shortener that shortens lengthy urls to simple short ones using Next js, Tailwindcss

ToDoList [🔗](#)

2023

A Todo List using React, Node, Express, MongoDB & Redux.

A health monitoring app [🔗](#)

2022

A Wearable Monitoring Device for Infants implemented with Raspberry Pi and Flutter-Dart. **(Flutter, Dart, Python)**

An Android Project [🔗](#)

2022

An app similar to TBL having an OTP based authentication system during Internship Experience at Trust Bank Ltd. **(Flutter, Figma, Firebase)**

Syvel: A Ride Sharing Service [🔗](#)

2021

A ride-sharing web application to request car rides, modeled after Uber, that included modules for both the driver and the customer. The project additionally included an administration page for complete control. **(HTML/CSS, JavaScript, Oracle, MySQL)**

DreamHouse [🔗](#)

2020

An interior designer's web app to assist clients in choosing interior materials and designing their ideal home. **(HTML/CSS, Bootstrap, JavaScript, Firebase)**

Tic Tac Toe [↗](#)

2019

The goal of this TIC TAC TOE game is to be one of the palyers to get the same three symbols horizontally,vertically or diagonally on a 4 x 4 grid. The game is played by two palyers(Player 1 & Player 2). (C, OpenGL)

Arduino Based Temperature Controlled Fan & Temperature Display System [↗](#)

2019

In this project, LM35 takes the surrounding temperature as analogue input & then it sends the data to Arduino UNOs analog input (A0 pin). Arduino UNO, depending on the temperature takes the necessary actions to turn off or turn on the fan at a regulated speed & the speed varies depending on the temperature variance.

SKILLS

Languages:

C,C++,Python,Java,Dart

Development:

HTML/CSS,Boostrap,Javascript,Flutter,ReactJS

Database:

Oracle,Firebase,MongoDB

Graphics:

Blender,Figma,Adobe XD

Technology

Git,AutoML,Latex

Backend

NodeJS,ExpressJS

ORGANIZATIONS

Nation Collegiate Programming Contest 2020

Participated as a volunteer

National Girls' Programming Contest 2021

Participated in the selection round

Hackathon Orbitax SUST SWE Technovent 2023.

Participated in the Hackathon & developed a game named "MathRun - Run & Learn". This game is made to make the kids learn simple digits, addition, subtraction, multiplication, and division.

Problem Solving

Solved around 60-100 problems in different online judge platforms like : Codeforces [↗](#) , HackerRank [↗](#) , CodeChef [↗](#) , LeetCode [↗](#)

UI/UX Designs

Behance [↗](#)

Dribbble [↗](#)

PUBLICATIONS

A Conference paper on "Footwear 3D Model Generation from Smartphone 2D Images Utilizing Photogrammetry". [↗](#)

This paper has been accepted on 3rd International Conference on Electrical,Computer & Communication Engineering held on CUET,Ctg,Bangladesh 2023.Currently,we are working on this project for our thesis work on Vitrual Shoe Try-on using Augmented Reality.