



## CONTACT ME

☎ 01799355821

✉ [monjure.mowlaabir273@gmail.com](mailto:monjure.mowlaabir273@gmail.com)

💻 [abir2727.github.io/portfolio-monjure-mowla-abir](https://abir2727.github.io/portfolio-monjure-mowla-abir)

🌐 [linkedin.com/in/monjure-mowla-abir](https://linkedin.com/in/monjure-mowla-abir)

## ABOUT ME

Love to do problem solving.

Always interested in learning new tools and technologies in Embedded Systems, Blockchain, Android and Web Development.

## EDUCATION

**Ahsanullah University of Science and Technology**

2018 - 2022

**CGPA: 3.76 / 4.00**

**Dhaka Imperial College**

2015 - 2017

**GPA: 5.00 / 5.00**

**Faizur Rahman Ideal Institute**

2008 - 2015

**GPA: 5.00 / 5.00**

# Monjure Mowla

## SOFTWARE PROJECTS

### JobFinder

[Website made in ASP.NET MVC - [Demo Link](#)]

- Companies can post vacancies.
- Job seekers can apply to those posts.
- Job seekers can upload their CV and update their profile.
- Companies can see the profile of those who applied to their posts.
- Companies can write recommendations about job seekers and job seekers can write reviews about companies.
- Companies can search people based on their skills.

### NoWasteNoHunger

[Android App made in Java - [Demo Link](#)]

- Users can post about their leftovers.
- Other users can see these posts and collect the leftovers from the given address in the post.
- The users who post about their leftovers will be sent an SMS when others are willing to collect the leftovers.
- The users can lodge a complaint to the admin by sending a mail.

### Covid Protection Store

[E-Commerce Website made in PHP - [Demo Link](#)]

- The customers can view products and order them.
- The admin can add new products from the admin pane.
- Registered customers can view extra products from their account.
- The customers can send mails to the admin.
- The admin can view the orders and mails from the customers.

## HARDWARE PROJECT

- Project Name: **Voice Controlled Automated Home**
- The project was an embedded system done on the ARDUINO microcontroller board.
- See the project source files on [GitHub](#)
- Special Feature: Lights and fans can be controlled through an android app using the Bluetooth module.

## CERTIFICATES

- PROBLEM SOLVING (BASIC) CERTIFICATE - HACKERRANK
- SQL (INTERMEDIATE) CERTIFICATE - HACKERRANK
- WEB DESIGN FOR EVERYBODY: BASICS OF WEB DEVELOPMENT & CODING - COURSERA
- C# (BASIC) CERTIFICATE - HACKERRANK
- INFRASTRUCTURE AND APPLICATION MODERNIZATION WITH GOOGLE CLOUD - COURSERA
- PYTHON DATA STRUCTURES - COURSERA
- PYTHON (BASIC) CERTIFICATE - HACKERRANK

## CO-CURRICULAR ACTIVITIES

### Vice President

January 11, 2022 - December 31, 2022

### AUST Robotics Club

Took a workshop on 'Building a Voice-Controlled Automated Home'

[Workshop Link](#)

[Click to watch the demo of all of my software projects from my portfolio](#)

[Click to see all of my projects on my GitHub](#)

## EXPERIENCE

### Embedded Software Engineer

December 1, 2022 - present

### Neural Semiconductor Limited

#### Virtual Modeling of the following projects:

- An **LC3** (Little Computer 3)
- A Simple **Counter**
- A Simple **DMA**
- An **LPUART** (Low Power UART):
  - Binding it with the **RISC-V** core
  - Writing its test bench

Tools and Libraries used: **C++**, **SystemC**, **TLM**, **SCML**

## PROBLEM SOLVING

- Solved 300+ programming problems on various problem solving sites such as CodeForces, HackerRank, UVa, HackerEarth, Spoj, CodeChef.
- Participated in 50+ Online Problem Solving Contests in CodeForces
- Gold Level Badge on Problem Solving in HackerRank
- See the credentials of my certificates and problem solving record from my HackerRank and CodeForces handles:

HackerRank ID: <https://www.hackerrank.com/abir27>

CodeForces Id: <https://codeforces.com/profile/number27>