Md. Ashiqur Rahman Naeem

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Professional Experience

Software Developer, *Swadeshi Branding Limited*

11/2020 – 02/2021 | Dhaka, Bangladesh

Developed the primary e-commerce and the vendor management application of the company using Google's Flutter framework and integrated it with a backend powered by Django APIs

Education

B.Sc in Mathematics,

Shahjalal University of Science and Technology

02/2018 – 03/2023 | Sylhet, Bangladesh

Relevant Courses: Programming(C++), Data Structure, Algorithm Design and Analysis, Discrete Mathematics, Fortran, Numerical Analysis, MATLAB

Achievements

Meta Hacker Cup 2023, *Meta*

22/10/2023

Ranked in the top 9% placing 1856th among 20K+ participants

Google Code Jam 2023, *Google*

04/2023

Ranked in the top 16.35% placing 1321st among 8076 participants

Specialist rated at Codeforces.com ⬈

Among the top 13% out of 142K+ active users
Max Rating: 1454

Solved more than 1900 data structure, algorithm and mathematics based programming problems ⬈

Skills

Daily driver: C/C++, Linux, Windows | Hands on experience: Flutter, QT, Dart, Python, Java, Git, Postman

Problem Solving, Data Structure, Algorithm

Projects

NinjaHonda, *Vehicle dashboard/odometer android application and sensor for them* ⬈

08/2022

A Flutter based app functions as a vehicle dashboard which displays reading from sensors built on top of ESP-32 integrating hall magnet, Schmitt trigger and optocoupler.

xxxAutomation,

Remote control solution for home appliance ⬈

08/2021

Flutter app with voice recognition to remotely control home appliances through an ESP-32 board and relay switch, using WiFi and WebSocket.

Peraless,

Speech recognition solution for old desktop computer ⬈

11/2020

A QT desktop application which activates the speech recognition module of an Android device and inputs the transcribed text into the currently focused textbox of any desktop program.

Organizations

Euclid Programming Club,

Programming and Problem solving instructor

2019 – present | Sylhet, Bangladesh

Robo Adda Programming Contest, *Problem setter* ⬈

2020

Interests

IoT *(Home automation, Wearables and more)*

Scripting *(Automating tasks with batch/sh script)*

Algorithms *(Exploring algorithms required behind file extensions such as mp3, zip, jpg)*

Frameworks *(APIs which directly handles hardware including but not limited to graphics, audio)*