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 ⎋

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.

Interests

Internet of Things (*Love implementing IoT based gadgets relating science fiction*)

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

Algorithms (*Encoding and decoding algorithm required behind file extensions such as mp3, zip, jpg*)

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

Skills

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

Problem Solving, Data Structure, Algorithm

Organizations

Euclid Programming Club,
Programming and Problem solving instructor
2019 – present | Sylhet, Bangladesh

Robo Adda Programming Contest, *Problem setter* ⌒
2020