# Md. Ashiqur Rahman Naeem

*Mathematics Graduate | Competitive Programmer | IoT Hobbyist*

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## PROFESSIONAL EXPERIENCE

**Software Developer,** *Swadeshi Online Shopping*
11/2020 – 02/2021 | Dhaka, Bangladesh
Developed the primary e-commerce application and 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

## PROBLEM SOLVING ACHIEVEMENTS

04/2023      **Google Code Jam 2023,** *Google*
Ranked in the top 16.35% placing 1321st among 8076 participants

09/2022      **Meta Hacker Cup 2022,** *Meta*
Ranked in the top 7% placing 1,934th among 27604 participants

24/02/2022      **Google Hash Code 2022,** *Google*
Ranked in the top 25% placing 2544th out of 10177 participants

**Solved more than 1200 data structure, algorithm and mathematics based programming problems** ⬀

## PROJECTS

08/2022      **NinjaHonda,** *Vehicle dashboard/odometer android application and sensor for them* ⬀
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.

08/2021      **xxxAutomation,** *Remote control solution for home appliance* ⬀
Flutter app with voice recognition to remotely control home appliances through an ESP-32 board and relay switch, using WiFi and WebSocket.

11/2020      **Peraless,** *Speech recognition solution for old desktop computer* ⬀
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

## SKILLS

**Language**
C/C++, Dart

**Core**
Problem Solving, Data Structure, Algorithm, Mathematics

## INTERESTS

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

## CERTIFICATES

**Hackerrank Problem Solving Certificate** ⧉

Intermediate

**TestDome C++ Certificate** ⧉

Ranking in the top 25%

**Meta Hacker Cup 2022**
⧉

Round 2

**Google Code Jam 2021**
⧉

Round 2

**Google Code Jam 2022**
⧉

Qualification Round

**Google Code Jam 2023**
⧉

Farewell Round A

**Google Hash Code 2022**
⧉

Qualification Round