

# Md Mahfuzur Rahman Arif

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☎ +8801797216574 🐙 github in linkedin 🖱 portfolio

## 🎓 Education

### B.Sc(Engg.) in Computer Science & Engineering

North East University Bangladesh

Feb 2017 – Sep 2021 | Sylhet, Bangladesh

## 📁 Projects

### Noobs Codeware 🔗

*An automated judge system for competitive programming*

Noobs Codeware is an automated judge system developed using **Bootstrap**, **JQuery**, **Php**, and **Bash 5.0** that is capable to compile and execute source codes and test them with pre-constructed data within a given CPU and time limit to generate a verdict against a particularly submitted solution for a particular problem.

### Noobs Cricboard 🔗

*A digital cricket scoreboard*

This is a single-page application developed using **vanilla javascript** that is capable of tracking the score of a running cricket match.

### Noob Sort 🔗

*An array sorting algorithm*

Noob sort is an array sorting algorithm with a complexity of  $O(n^2)$ . I had designed this algorithm in my early data structure learning days.

### Amazons Link Collector 🔗

*Automatic products link collector*

This is a chrome extension developed for an amazon affiliate marketing agency that is capable to collect links for a product and store them for further use.

## 🧠 Skills

### Programming Languages

C, C++, Java, Python, Php, Javascript, and Typescript

### Web Technologies

Apache2, HTML, CSS, Bootstrap, JQuery, LAMP, React JS, and Chrome Extension Development

### Database Management

Relational Algebra, MySQL

### Tools

Linux, Shell, Git, Github, and Dev-tools

### Problem Solving

Efficient in designing and implementing data structures and algorithms. Capable of identifying, adapting new problems and solve them.

## 🏆 Sports Programming

**Codeforces** 🔗 , 530+ solved

**Uva OJ** 🔗 , 130+ solved

**Hackerrank** 🔗 , 210+ solved

**Leetcode** 🔗 , 170+ solved

**LightOJ** 🔗 , 60+ solved

### Contest Participation

- ACM ICPC Asia Dhaka Regional Contest, 2019
- LICT SUST Tech Fest 2019
- LU CSE Carnival 2019
- 1st LU National ICT Fest 2018
- NEUB Intra Department ICT Fest 2018
- NEUB Junior Inter-University Programming Contest, TechHunt 2017