

# Md. Imrul Hosen Afnan

House: 30, Road: 02, Block: B, Niketon, Gulshan-1, Dhaka-1212

+880 1677-756337

[imrul.afnan18@gmail.com](mailto:imrul.afnan18@gmail.com)

**GitHub:** <https://github.com/imrul18/>

**Website:** <https://imrul.xyz>



## ▼ Objective

Interested in the role of a Computer Engineer where I can contribute my analytical skills and knowledge acquired by pursuing my degree in Computer Engineering. Looking for a dynamic and progressive company where my skills are utilized in the maximum way possible.

## ▼ Education

### Major

### Information Systems

#### American International University-Bangladesh (AIUB)

*Program: BSc in Computer Science & Engineering*

**Dhaka, Bangladesh**

*April 2018–December 2021*

- *Cumulative GPA: 3.85/4.00*
- *Credits completed: 148 (out of 148)*
- *Relevant Coursework:* Introduction to Programming Languages (C & C++), Object Oriented Programming I & II (Java & C#), Introduction to Database (Oracle), Advanced Database Management System(Oracle PL/SQL), Web Technologies (PHP, HTML, CSS, JavaScript, JSON, AJAX, MySQL), Computer Graphics (OpenGL, C++), Algorithm, Data Structure (C, C++), Object Oriented Analysis & Design, Software Engineering, Data Communication (MATLAB) Artificial Intelligence and Expert System (Python) and 30+ courses.

#### Dhaka City College, Dhaka

*Higher Secondary Certificate*

**Dhaka, Bangladesh**

*2016 – 2017*

- *Group: Science*
- *GPA: 5.00/5.00*

#### Ashraf Nagar High School, Lalmohan

*Secondary School Certificate*

**Barishal, Bangladesh**

*2014 – 2015*

- *Group: Science*
- *GPA: 5.00/5.00*

## ▼ Project

### E-Book

**HTML, XML, CSS, JS, jQuery, Ajax, PHP, MySQL**

*Course: Web Technologies*

- As a part of the final project submission, I developed a e-book website where there was 4 types of users.
- It is a project from scratch and the whole code base and database design by our 4 team members.
- Project link: [https://github.com/imrul18/WEB\\_TECH\\_J](https://github.com/imrul18/WEB_TECH_J)

## School Management System

C#, MS SQL

Course: Object Oriented Programming II

- In this system there are three types of user where users can login as a student, teacher and admin. Student can book courses and teachers can be assigned those courses by admin who manage the whole system.
- The project is written in C# and Microsoft SQL Server is used for Database.
- Project link: [https://github.com/imrul18/OOP\\_2\\_B](https://github.com/imrul18/OOP_2_B)

## College Management System

JAVA, ORACLE

Course: Object Oriented Programming I

- In this system there are three types of user where users can login as a student, teacher and admin. Student can book courses and teachers can be assigned those courses by admin who manage the whole system.
- The project is written in JAVA and Oracle Server is used for Database.
- Project link: [https://github.com/imrul18/OOP\\_1\\_K](https://github.com/imrul18/OOP_1_K)

## AIUB Campus View

OpenGL, C++

Course: Computer Graphics

- As a part of the final project submission, I developed probable view of AIUB.
- I have been developed view type simulation where I have the different types of campus view.
- It is a project from scratch and the technologies include OpenGL and C++.
- Project link: [https://github.com/imrul18/COMPUTER\\_GRAPHICS\\_H](https://github.com/imrul18/COMPUTER_GRAPHICS_H)

## Personal website

HTML, CSS, Bootstrap, JS

- After completing a unofficial online course, I developed my own website by using HTML, CSS, Bootstrap and Javascript.
- Project link: <https://github.com/imrul18/imrul18.github.io>
- Website link: <https://imrul18.github.io>

## Thesis website

HTML, CSS, Bootstrap, Python, Flask-framework

- I have developed website which is simulated view of our thesis part. As it was a part of my graduation, I need to make it user flexible. That's why I need to use Flask framework and solve my logical problem in python
- Project link: <https://github.com/imrul18/ThesisWebsite>

## React Project

React.js, Node.js

- I have developed registration and login part with mySQL database. I need to use react Router, react Redux and so on
- Project link: [https://github.com/imrul18/react\\_login\\_with\\_database](https://github.com/imrul18/react_login_with_database)

## ▼ Awards and Scholarship

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- Dean's award of AIUB (3times in a row)
- Academic scholarship on tuition fees in AIUB (60% scholarship holder)
- General scholarship holder in SSC exam
- Talent Pool Scholarship holder in JSC exam

## ▼ Skills

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- **Programming Language:** C, C++, C#, Java, Python
- **Project Management Tools:** GitHub
- **Scripting Language:** HTML, CSS, PHP, JavaScript
- **Database Management System:** MySQL, Oracle, MSSQL
- **IDE:** Code Blocks, VS Code, Notepad++
- **Application Package:** Microsoft Office, Microsoft Excel Worksheet, Oracle, Adobe Premiere Pro, MATLAB
- **Operating System:** Windows, Mac, Oracle VirtualBox (Ubuntu)
- **Framework:** Flask, React.js, Node.js, Vue.js

## ▼ Language Proficiency

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- *Bangla:* Mother Language
- *English:* Fluent

## ▼ Recommendations

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- **Dr. Md. Mahbub Chowdhury Mishu**  
(Supervisor of Undergraduate Thesis)  
Head of the Department, Computer Science, AIUB  
**Email:** [mahbub@aiub.edu](mailto:mahbub@aiub.edu)
- **MOHAMMED JASHIM UDDIN, PH.D.**  
Professor and Head of the Department, Mathematics, AIUB  
**Member:** Academic Council, AIUB Department of Mathematics American International University-Bangladesh,  
408/1, Kuratoli, Kuril, Khilkhet, Dhaka 1229, Bangladesh  
**Phone :** +88029870534, +8801818431751, +8801978431751, +88029821490-1  
**FAX :** 88028813233  
**Email :** jashim\_74@yahoo.com, drjashim@aiub.edu, [jashimnnn@yahoo.com](mailto:jashimnnn@yahoo.com)  
**Relation :** Teacher