



## PROGRAMMING SKILLS

Programming Languages	C, C++, Java, Python, Javascript, PHP
Frameworks	AngularJS, ReactJS, NodeJS, Express
Development Tools	GitHub, Docker, Postman, Wireshark
Other Technologies	MongoDB, MySQL, Nginx, Canva, MS-Office

## EDUCATION

### IIT, University of Dhaka

BSc in Software Engineering (BSSE)  
CGPA 3.73/4.00 | 2018- Present

### Notre Dame College, Dhaka

Higher Secondary Certificate (HSC)  
GPA 5.00/5.00 | 2016-2018

## CO-CURRICULUM ACTIVITIES

- Office Secretary, Khilket Pathagar
- Organizing Secretary, IIT Debating Club
- Executive Member, IIT Software Engineers' Community
- Organizer, Tech Crunch 2.0 & ITverse

## REFERENCE

### Dr. Ahmedul Kabir

Professor  
IIT, University of Dhaka  
Email: kabir@iit.du.ac.bd

### Kishan Kumar Ganguly

Assistant Professor  
IIT, University of Dhaka  
Email: kkganguly@iit.du.ac.bd

# MD. RAKIB TROFDER

UNDERGRADUATE STUDENT  
OF SOFTWARE ENGINEERING

+8801939649428  
bsse1129@iit.du.ac.bd  
github.com/rakib3004  
linkedin.com/in/rakib-iit

## SOFTWARE PROJECTS

### BlogBee

AngularJS, NodeJS, MySQL, Python | Web Project | SPL 2

A blog-based social media where we can read blogs with others. Those blogs are auto-generated from youtube videos, our application provides item-based recommendations and classifies blogs.

### Library Assistant Tool

Java, JavaFX, Machine Learning | Desktop App | SPL 1

A tool that recommended books for the reader, suggests librarians add specific books, and also recommended to remove unpopular books from the library

### MiniFacebook

AngularJS, NodeJS, MongoDB, Nginx, Docker | Web Project | Distributed Systems

A web application that can upload posts and statuses implementing microservice, docker, and docker swarm.

### Tech Edu Assistant

HTML, CSS, Bootstrap, Javascript | Web Project

An educational site where all books, slides, and documents on Software Engineering can find here. Link: <https://rakib3004.github.io/Tech-Edu-Assistant/>

### Gomoku

React JS | Web Based Game | Artificial Intelligence

A web-based game with an AI opponent using a minimax algorithm

## CERTIFICATES

### Google IT Support Professional Certificate

Google | Coursera | 5 Courses

### Project Management Specialization

University of California, Irvine | Coursera | 5 Courses

### Python For Everybody Specialization

University of Michigan | Coursera | 4 out of 5 Courses

### Introduction to Git & Github

Google | Coursera | 1 Course

### DevOps Fundamentals

Udemy | 1 Course

## CONTRIBUTIONS

- GitHub: Contributions 5500+ (2020 - Present)
- Codeforces: Solved 512 Problems
- HackerRank: 3 Stars in C, C++, Python, Java, and Problem Solving

## ACHIEVEMENTS

- Top 3, Best Campus Ambassador at Tech Carnival 1.0 | 2021
- 1st Runner Up, IIT Debate Fest | 2020
- Finalist, National Rou Bangladesh Chemistry Olympiad | 2017
- Champion, Creative Talent Hunt | Dhaka Region | 2014