



PROGRAMMING SKILLS

Programming Languages	C, C++, Java, Python, Javascript, PHP
Frameworks	AngularJS, ReactJS, NodeJS, ExpressJS
Development Tools	GitHub, Docker, AWS, Postman, Wireshark
Other Technologies	Figma, Jira Board, Confluence, Netlify

EDUCATION

IIT, University of Dhaka
BSc in Software Engineering (BSSE)
CGPA 3.72/4.00 | 2018- Present

Notre Dame College, Dhaka
Higher Secondary Certificate (HSC)
GPA 5.00/5.00 | 2016-2018

CO-CURRICULAR ACTIVITIES

- **Treasurer**, IIT Software Engineers' Community
- **Organizing Secretary**, Somoyon (Dhaka University Student Association)
- **Organizer**, Tech Crunch 2.0, ITverse, Flutter Frenzy, Debate Fest

REFERENCE

Dr. Ahmedul Kabir
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MD. RAKIB TROFDER

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EXPERIENCE

William & Mary, Virginia, USA

Research Intern
(August, 2023 -Present)

Cefalo Bangladesh Ltd.

Trainee Software Engineer
(January, 2023 - June, 2023)

SOFTWARE PROJECTS

Vaccine Management System

ReactJS, ExpressJS, Cypress | GitHub CI/CD, AWS | DevOps Project
A web application where people can apply for multiple vaccines, update vaccine status, and after vaccination apply and download certificates. Load balancing, auto-scaling, and testing automation are implemented in this project.

Blogging Site

ReactJS, NodeJS, ExpressJS, Sequelize, MySQL | Web Project
This is a web-based blogging site application. CRUD operations for both blog and user are implemented for this blogging site and deployed in netlify.

Somoyon Official Website

ReactJS, Tailwind CSS | Web Project
Somoyon is a student University of Dhaka Students' Organization in khilket, gulshan, badda area. Here is the Somoyon official website link: <https://somoyondu.netlify.app/>

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

CERTIFICATES

Google IT Support Professional Certificate

Google | Coursera | 5 Courses

Project Management Specialization

University of California, Irvine | Coursera | 5 Courses

AWS Identity and Access Management Foundations

Udemy | 1 Course

Introduction to Git & Github

Google | Coursera | 1 Course

DevOps Fundamentals

Udemy | 1 Course

CONTRIBUTIONS

- **GitHub**: Contributions 6000+ (2020 - Present)
- **Codeforces**: Solved 500+ Problems
- **HackerRank**: 3 Stars in C, C++, Python, Java, and Problem Solving

ACHIEVEMENTS

- **1st Runner Up**, BUET CSE FEST Hackathon (DevOps) | 2023
- **1st Runner Up**, IIT Debate Fest | 2020
- **Champion**, Creative Talent Hunt | Dhaka Region | 2014