



MD. RAKIB TROFDER

UNDERGRADUATE STUDENT
OF SOFTWARE ENGINEERING

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PROGRAMMING SKILLS

Programming Languages	C, C++, Java, Python, Javascript, TypeScript
Frameworks	Angular, React, NodeJS, NestJS, Tailwind CSS
Development Tools	GitHub, MySQL, MongoDB, Docker, AWS
Other Technologies	Figma, Jira Board, Postman, Wireshark

EXPERIENCE

Streams Tech Ltd.

Associate Software Engineer
(January, 2024 - Present)

Cefalo Bangladesh Ltd.

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

SEMERU Lab, William & Mary

Research Intern
(August, 2023 -December, 2023)

SOFTWARE PROJECTS

Software Reconstruction Tool

React, NestJS, Python | Web Application | SPL 3
A web-based tool that reconstructs software artifacts using a large language model for efficient and automated software maintenance.

Vaccine Management System

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

BlogBee

Angular, NodeJS, MySQL, Python | Web Application | 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.

Facebook Mint

Angular, NodeJS, MongoDB, Nginx, Docker | Course Project
A simple implementation of Facebook's post and story feature and authentication system, with microservice, dockerization, and docker swarm for orchestration.

CERTIFICATES

Google IT Support Professional Certificate

Google | 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

MERN Stack with Blog Project

Udemy | 1 Course

The Ultimate MySQL Crash Course 2021

Udemy | 1 Course

CONTRIBUTIONS

- GitHub: Contributions 6400+ (2020 - Present)
- Codeforces: Solved 700+ Problems in codeforces, lightoj & others
- HackerRank: 3 Stars in C, C++, Python, Java & Problem Solving

ACHIEVEMENTS

- 1st Runner Up, BUET CSE FEST Hackathon (DevOps) | 2023
- 1st Runner Up, IIT Independence Cup (Quiz Competition) | 2020
- Champion, Creative Talent Hunt | Dhaka Region | 2014

EDUCATION

IIT, University of Dhaka

BSc in Software Engineering (BSSE)
CGPA 3.76/4.00 | 2019- Present

Notre Dame College, Dhaka

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

CO-CURRICULAR ACTIVITIES

- Treasurer, IIT Software Engineers' Community
- Vice President, Somoyon (Dhaka University Student Association)
- Organizer, ITverse '23, Flutter Frenzy, ITverse'20, Tech Crunch 2.0

REFERENCE

Dr. Ahmedul Kabir

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Kishan Kumar Ganguly

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