

# Md. Rakibul Islam

☎ +8801786242885    ✉ rakib29185@gmail.com    🐙 <https://github.com/Rakibul73>    💼 <https://www.linkedin.com/in/rakib73>

## SUMMARY

Passionate programmer with strong skills in Python, NodeJS, JavaScript, and Flutter. Skilled in debugging, optimizing, and developing custom features. Known for innovative problem-solving and a proactive approach. Eager to contribute technical expertise and creativity to new projects and embrace continuous learning.

## EXPERIENCE

### ● Backend Developer Intern

Somykoron · Internship  
May 2024 - Present

#### ● Project 1:

- Developed a backend solution with NestJS, integrating WebSocket for real-time communication and Swagger for API documentation. Implemented file upload and utilized MongoDB. Integrated SendGrid for email notifications.

#### ● Project 2:

- Implemented Stripe and QPay payment processing, and Google login using Python Flask. Integrated Brevo for email services and applied JWT for authentication and authorization. Utilized MongoDB.

#### ● Project 3:

- Integrated LLMs (Gemini, Claude, GPT) using NestJS. Developed threading responses for GPT, added Stripe payment with invoice download, and implemented LinkedIn functionality for posting and image uploads via API. Added streaming response for OpenAI Assistant.

## EDUCATIONAL

### ● B.Sc. in CSE

Patuakhali Science & Technology University (PSTU)

(Expected Graduation Date: September 2024)

## SKILLS

- Flask
- NestJS
- NodeJS
- JavaScript
- Flutter
- MySQL
- PostgreSQL
- MongoDB
- WebSocket
- Stripe, QPay
- SendGrid, Brevo
- JWT, OAuth

## PROGRAMMING

- Codeforces, Solved - 300+
- LeetCode, Solved - 60+
- CodeChef, Solved - 39
- HackerRank, Have 2 Badges
- beecrowd, Solved - 35
- vjudge, Solved - 18

## LANGUAGE

- C
- C++
- Python
- Java

## My Noteworthy Projects:

### ● PSTU RTC Project Management System:

- With the goal of improving research and training initiatives at any institution, the "PSTU RTC Project Management" is a ground-breaking project created with the **Flutter** framework (frontend), Python (**Flask** backend), and **MySQL** database.

### ● Aboyob-16 Website:

- Website to record each semester course material for our batch. Made using **HTML**, **CSS**, **JavaScript**

### ● CR Alarm - automatic alarm based on latest tweet/post:

- This is an Android app built using **Flutter** that automatically sets alarms based on the time a new post is made in a certain Facebook group or a new tweet is tweeted by a specific Twitter user.

### ● Simple custom api:

- used **flask** & fb group-api to that fetch latest group post from given group id for CR Alarm app.