





# Md Mosharof Hosen Rokon




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 <https://www.linkedin.com/in/mh-rokon38>

 [github.com/MH-Rokon](https://github.com/MH-Rokon)

 <https://leetcode.com/u/MHRokon>

## EDUCATION

### Higher Secondary Certificate

Chapai Nawabgonj Govt. College

Chapai Nawabganj,  
Bangladesh  
GPA: 4.67 out of 5.00

### Bachelor of Science in Information and Communication Engineering

Pabna University of Science and Technology (PUST)  
Pabna, Bangladesh  
CGPA: 3.42 out of 4.00

## PROFILE

Experienced backend web developer specializing , proficient in designing and implementing clean, scalable applications with a strong emphasis on backend logic and system functionality. Adaptable and collaborative team player committed to continuous learning and delivering innovative, effective technology solutions. Passionate about contributing technical expertise and growing professionally within software development and engineering environments.

## AWARDS AND ACHIEVEMENTS

### FOREWARN Disaster Hackathon 2.0 – Finalist (Top 5 out of 84 teams)

FOREWARN Bangladesh

10/2024

Proposed a cyclone forecast solution for isolated communities, securing a top 5 finalist position and an opportunity for pilot implementation. Gained valuable experience with the PREVENTERS team in innovation, teamwork, and real-time technology application.

## PROJECTS

### PUST Career and Entrepreneurship Club Website


Practice prototype for web development

Built a prototype web application utilizing Django, HTML, CSS, Bootstrap, and PostgreSQL. Served as a hands-on exercise to apply full-stack development concepts and deployment on Render.

Github: <https://github.com/MH-Rokon/PUSTCEC> 

### Online Bank Management System

Prototype full-stack web application

Developed a prototype online banking platform using Django, PostgreSQL, and Bootstrap. Implemented core features such as user registration, account management, and transaction handling. Deployed on Render.com  to practice real-world development and deployment skills.

Github: <https://github.com/MH-Rokon/MyBank> 

### E-commerce Website

Developed a feature-rich E-commerce API using Django Rest Framework, supporting email-verified user registration, JWT-based authentication, product and category management, shopping cart functionality, and product reviews. Implemented password reset functionality, and tested and documented all API endpoints using Postman.

Technologies used: Django, DRF, SimpleJWT, SQLite, Postman, and Render (for deployment).

Github: <https://github.com/MH-Rokon/ecommerce> 

## SKILLS

### Programming Languages

C, C++, Python (Object-Oriented Programming)

### Data Structures & Algorithms

Proficient in core Data Structures and Algorithms concepts

### Problem Solving

300+ problems across different programming platforms (200+ on LeetCode and 100+ on others).

### Backend Development

Django, Django Rest Api, MySQL, PostgreSQL, DBMS

### Version Control

Git, GitHub

### Tools & Technologies

Render, MySQL Workbench, XAMPP, VS Code, NetBeans, MATLAB, Cisco Packet Tracer

### Operating Systems

Windows, Linux

### Soft Skills

Teamwork, adaptability, communication

## LEADERSHIP & VOLUNTEER EXPERIENCE

### Founding Member

PUST Career and Entrepreneurship Club (PUSTCEC)  
11/2024

### Organizing Secretary (Entrepreneurship)

PUST Career and Entrepreneurship Club (PUSTCEC)  
02/2025 – 07/2025

### Student Activities Coordinator

IEEE PUST Student Branch  
01/2022 – 01/2023

### Sports Secretary

ICE Association, Pabna University of Science and Technology  
01/2025 – 06/2025

## LANGUAGES

Bangla

English

