

# Md Rifat Rahman

Python Backend Developer  
Bogura, Rajshahi Division, Bogura 5800, Bangladesh  
[LinkedIn](#) | [Portfolio](#) | [GitHub](#) | [LeetCode](#) | [HackerRank](#)

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## PROFILE

*I'm an experienced software developer with strong skills in designing, building, testing, and maintaining software systems. I enjoy working with different technologies, platforms, and programming languages, and I'm always interested in learning modern tools and development practices. I can work independently and manage projects on my own, while also collaborating effectively with a team to build reliable and efficient solutions.*

## Technical Skills

### Core

- **Python** (Experienced)
- **Backend Developer FastAPI** (Experienced)
- **Problem Solving** (C++ / Data Structures & Algorithms)
- **CI/CD** Pipeline

### Tools & DevOps

- **Git & GitHub** (version control)
- **Docker** (containerization)
- **Linux** (Fedora, CLI workflow)
- **AWS**

## Professional Experience

- Developed and maintained backend systems using Python, mainly with **FastAPI**, for projects including **PocketPay** (finance platform), **Real-Time Messaging** platform, and **SetShare** (social media) platform.
- Designed and built scalable RESTful APIs with authentication, secure data handling, and optimized database operations using PostgreSQL.

- Implemented real-time communication features using **WebSocket** technology for instant messaging and live updates.
- Improved API performance through query optimization, caching strategies, and asynchronous processing.
- Worked with **Docker, Git,** and **CI/CD** workflows to simplify deployment and development processes.
- Integrated cloud and server technologies for hosting, storage management, and reliable backend infrastructure.
- Collaborated on full-stack development tasks, debugging, testing, and feature implementation across multiple projects.

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## Education

**Computer Science and Technology** (CST) student at Bogura Polytechnic Institute with a strong interest in **software development** and **backend engineering**. Studying core subjects including **Data Structures, Algorithms, Databases, Networking,** and **Software Engineering**.

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## Languages

English ..... B2

Bangla ..... C2

Hindi ..... B2

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## Problem Solving

Solved **350+** problems on **LeetCode**, demonstrating strong proficiency in Data Structures and Algorithms including arrays, linked lists, trees, graphs, recursion, and dynamic programming. Focused on improving algorithmic thinking, optimization techniques, and clean coding practices.

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