

RAFI SAKIB

Backend Engineer

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WORK EXPERIENCE

Software Engineer

May 2025 - Present

EFOLI LLC

Mirpur DOHS, Dhaka 1216

- Migrated performance-critical logic to **Rust**, leveraging **Shopify Functions (WASM)** to achieve significantly faster execution compared to JavaScript-based implementations.
- Designed and implemented a modular **discount engine** supporting complex business rules and extensible conditions.
- Architected a **microservice** for customer activity logging that handled **thousands of concurrent events** without latency degradation.
- Reduced **storage costs** by implementing optimized file compression and automated deletion cycles for **Shopify assets**.
- Engineered high-performance **Liquid-compatible backend logic** for Shopify app extensions, enabling dynamic content rendering.

Junior Software Engineer (FullStack)

June 2024 - April 2025

Wondersoft Solution Limited

Gulshan - Badda Link Road, Dhaka 1212

- Designed and scaled **RESTful APIs** for CRM features, supporting **1M+ active users**.
- Built **event-driven email notification system**, improving system automation.
- Developed **cron-based background jobs** for periodic data processing and maintenance.
- Designed and implemented **Redis caching**, improving API response time by **~50%** and reducing database load.
- Resolved critical **payment gateway vulnerabilities**, improving transaction reliability.

TECHNICAL SKILLS

Backend & Systems

Node.js, NestJS, Express.js, FastAPI, Microservices, REST APIs, GraphQL, Serverless, Event-driven Architecture, **AWS** (EC2, RDS, S3, Lambda, EventBridge, CloudWatch)

Databases & Data

MySQL, PostgreSQL, MongoDB, **Prisma**, Redis

Languages

TypeScript, JavaScript, Python, **Rust**, Go

Infrastructure & Tools

Git, Linux, CI/CD (GitHub Actions), Postman, JMeter

Frontend

React, Next.js, Remix, Redux

Miscellaneous

OOP, DSA, SDLC, Agile, Payment Gateways (bKash, GP DCB, Upay, amarPay), LLM

ALGORITHMIC PROBLEM SOLVING

Codeforces 300+ problems [\[profile\]](#)

Leetcode 400+ problems [\[profile\]](#)

Codechef 2* rating [\[profile\]](#)

PROJECTS

Fillup Translation [\[source\]](#)

- Built a high-performance CLI tool in Rust for managing localization workflows.
- Optimized for speed and memory safety using Rust's ownership model.
- Automated multilingual resource generation, reducing manual effort.

Video Conference [\[live\]](#) [\[source\]](#)

- Designed backend for real-time communication utilizing Socket.io and PeerJS to facilitate P2P signaling.
- Implemented peer-to-peer signaling logic for video streaming.
- Built scalable messaging system for group communication.

EDUCATION

Bachelor of Science in Computer Science and Engineering

Chittagong University of Engineering and Technology

Jan 2018 - May 2024

Raozan, Chittagong