

Md. Shahria Islam Nihal

Backend Software Engineer · Go · Microservices · Fintech & Web3

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Summary

Backend engineer with 2.5+ years of experience building event-driven microservices, primarily in **Go**, for fintech and Web3 at a fast-paced startup. Quick to pick up new domains; strong in data structures and algorithms.

Experience

Software Engineer L2, [Fin.com](#) – Remote Jul 2025 – present

- Founding member of the core backend team. Developed an **event-driven microservice** from scratch (Go, Echo, PostgreSQL, Kafka, RabbitMQ, Redis) and established the team's REST API standards
- Built a **Web3 abstraction service** for Web2 services across **EVM, SVM and TVM chains**, with transaction simulation, on-chain event capture, gas fee estimation, idempotency and fee calculation
- Worked on different **vendor integrations** and led several end to end in the team lead's absence, including exchange payments via **Bybit, OKX and Kraken**
- Developed **KYC/KYB onboarding** with RFI handling and **on/off-ramp** flows as stateful, retry-safe workflows
- Designed and implemented a comprehensive **webhook service**, including registration, delivery and management
- Built **distributed tracing** to follow a single flow across all microservices
- Optimized **SQL** queries via indexing, N+1 fixes and rewriting heavy joins and subqueries
- Built **AI automation** for issue creation, assignment and status updates, and for answering customer queries

Software Engineer L1, [Therap Services Ltd.](#) – Dhaka, Bangladesh Mar 2024 – Jun 2025

- Designed and built a **Playwright end-to-end testing module** from scratch, owning its architecture
- Shipped bug fixes and features in a large **Java monorepo** (Spring, Hibernate, React, jQuery)
- Built **HTML-to-PDF** document generation on a JavaScript library, with a custom script adding custom CSS support

Software Engineering Intern, [Orbitax](#) – Dhaka, Bangladesh Feb 2023 – Jul 2023

- Developed automation for a **dynamic form builder** for MDR submissions (EU DAC6, UK MDR) using Liquid templates in a C#/.NET microservice platform
- Resolved **distributed and resource-locking issues** in backend services, improving system reliability

Education

Shahjalal University of Science and Technology – Sylhet, Bangladesh Jan 2019 – Jan 2024
B.Sc. (Engg.) in Software Engineering | CGPA: 3.76 / 4.00

Problem Solving & Achievements

- Solved **1000+ problems**. Max ratings: [Codeforces](#) 1400+, [CodeChef](#) 1600+. Mentored junior batches in DSA
- **Top 5**, BRAC University National Hackathon 2021. Built a telemedicine app with booking and video calls

Skills

Programming: Go, Java, TypeScript, SQL, C++, Bash

Backend: Echo, NestJS, Spring, Hibernate, REST, gRPC, Microservices, Event-driven architecture

Data & Messaging: PostgreSQL, Redis, Kafka, RabbitMQ

Infra & Tools: AWS, Kubernetes, Git, Playwright

Web3: EVM, SVM and TVM chains, ERC-20, SPL and TRC-20 tokens

Languages Spoken: English (professional working proficiency), Bangla (native)