

Shahriar Rahman Rubayet

Backend Software Engineer — Go · Python · Distributed Systems

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SKILLS

Languages	Go, Python, JavaScript, C++, SQL
Backend	gRPC, REST, Django REST Framework, FastAPI, Flask, Node.js, Express, Kong Gateway
Data & Queues	PostgreSQL, MySQL, MongoDB, Redis, Apache Kafka, Zookeeper, AsyncQ
Cloud & DevOps	GCP, AWS, Docker, Kubernetes, ArgoCD, GitHub Actions, CI/CD, Prometheus, Grafana
Frontend	React, Next.js, Firebase Cloud Messaging
Practices	Event-Driven Architecture, Domain-Driven Design, Async Queue Patterns, Unit Testing

EXPERIENCE

Software Engineer II

GoZayaan Limited · Dhaka, Bangladesh

Nov 2025 — Present

- Integrated international flight providers into the flight-search service that drives **40% of the company's total revenue**, using **Go, PostgreSQL, GCP, Django and Node.js**.
- Implemented CI/CD for the new flight-search project with **GitHub Actions** and **ArgoCD**, and set up **Prometheus and Grafana** for monitoring.

Software Engineer

TechnoNext Limited · Dhaka, Bangladesh

Jan 2025 — Nov 2025

- Developed **200+ APIs** for a courier service using **Python, Node.js, Go, Redis, PostgreSQL and Kong**, generating **60M BDT revenue per month** and delivering **50k parcels per day**.
- Built a **proxy server** for two leading airlines using **Go, Node.js, MongoDB and Redis**, leveraging **Domain-Driven Architecture** for maintainability and scalability.
- Designed and implemented asynchronous order processing systems using queue patterns (**AsyncQ** in Go) for scalable delivery management, handling **200 rps**.
- Authored robust **gRPC** server handlers for order creation, OTP verification and invoice generation, integrating **AWS SES, Resend and RouteMobile**.
- Created a Windows printing service using **CUPS** (lp, lp-stat) for custom paper sizes, margins and label printing — in use across **50 operational hubs**.
- Automated database migrations and schema evolution over **15 million legacy records** with PostgreSQL, ensuring smooth deployments.

Software Engineer

Upay — UCB Fintech Limited · Dhaka, Bangladesh

Oct 2023 — Dec 2024

- Built high-performance backend systems that processed secure payments and handled data transactions for **25M+ users**.
- Built APIs for **Upay Spin the Wheel**, a product with **3M+ users nationwide**, using **Go, Python, PostgreSQL, Django REST Framework and Redis**.
- Developed **Asian Network, Circle Network and Antaranga** — three internet bill payment services with **300K+ active users**.
- Engineered payment service APIs for **Uddipan**, a microfinance NGO with **1.2M+ active clients**.
- Integrated payment service APIs for **BPDB, BREB, DESCO and Dhaka WASA** into the USSD service, serving **150K+ active users**.
- Designed and deployed an **event-driven architecture** using **Python, Apache Kafka and Zookeeper**, processing **1M+ messages per day**.

- ♦ Optimised **Redis** caching as a distributed cache and session store, reducing **latency by 50%** and cutting database load while ensuring data consistency.
- ♦ Developed payment automation APIs in Go, reducing the manual workload of service operations teams by **70%**.

Software Engineering Intern

Feb 2023 — Sep 2023

DreamOnline Limited · Dhaka, Bangladesh

- ♦ Built a web push notification system using **Next.js and Firebase Cloud Messaging**, enhancing engagement for an EdTech platform with **30K+ active users**.
- ♦ Developed the admin panel for the EdTech platform using **Node.js, Express and MongoDB**, supporting **1,000+ schools**.

EDUCATION

Bachelor of Science — Computer Science & Engineering

Jan 2018 — Jul 2023

Patuakhali Science and Technology University · Patuakhali, Bangladesh