

IHSAN MIRANI RUMI

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Dhaka, Bangladesh

Professional Summary

Platform Engineer with over one year of hands-on experience implementing, supporting, and maintaining cloud-native infrastructure—spanning Kubernetes, GitOps, and CI/CD to backend services and databases—for a high-traffic logistics platform. Progressed from Junior DevOps Engineer to Platform Engineer, combining strong operational experience with backend development in Go and gRPC. Track record of contributing to cloud-native platforms, backend APIs, distributed systems, automation, and large-scale cloud migrations while improving reliability and infrastructure efficiency.

Technical Skills

- **Backend & APIs:** Go, gRPC, REST APIs, Python, Bash
- **Orchestration & GitOps:** Kubernetes (EKS & self-hosted), Docker, Helm, ArgoCD
- **CI/CD:** GitLab CI/CD, GitHub Actions, Git, Self-hosted GitLab Runners
- **Databases & Vector Search:** PostgreSQL, MongoDB, Redis, Patroni, Qdrant
- **Messaging & Real-Time:** NATS JetStream, MQTT/EMQX, Centrifugo
- **Observability:** Prometheus, Grafana, Loki, Sentry, Promtail/Alloy, Tempo
- **Networking & Service Mesh:** Envoy, Nginx, HashiCorp Consul
- **Storage & Registry:** MinIO, Longhorn, NFS, Harbor
- **Cloud, IaC & OS:** Terraform, AWS, GCP, Ubuntu, Rocky Linux

Professional Experience

US-Bangla Group

Platform Engineer I – CarryBee, Platform Engineering Team

Dhaka, Bangladesh

March 2026 – Present

- Managed infrastructure automation and GitOps pipelines across a **20+ microservice** architecture for CarryBee, a large-scale courier and logistics platform serving **100K+ daily users**.
- Implemented backend functionality for a major transport management system feature, building single, bulk, and batch Go/gRPC and REST APIs consumed by operations and agent-facing services across multiple microservices; shipped to staging and resolved issues surfaced during testing and rollout.
- Collaborated on developing migration automation and validation workflows for the production environment's migration from GCP to AWS EC2 covering **1.5B+ records**, contributing to a **65%+** reduction in migration time after process improvements.
- Assisted in R&D and migration of production workloads to **AWS ARM (Graviton) instances**, leveraging Go's strong ARM performance to cut infrastructure costs by up to **20%**.
- Participated in migrating the staging environment from Robi Cloud to self-hosted infrastructure, helping reduce infrastructure costs by over **70%**.
- Rebuilt CarryBee's staging environment from scratch after its transfer from TechnoNext to the Platform team, migrating version control and all service code and standing up deployments and observability, including custom Grafana dashboards, end to end.
- Collaborated in diagnosing and resolving live production issues, including performance bottlenecks and service reliability improvements.

Junior DevOps Engineer – TechnoNext, DevOps Team

July 2025 – March 2026

- Provisioned infrastructure and CI/CD pipelines across multi-environment systems (CarryBee, ERP, Lunch Management System) serving up to **100K+ daily users**, managing automated backups and production deployments.

Education

B.Sc. in Computer Science and Engineering

Graduated: July 2025

Shahjalal University of Science and Technology (SUST)

CGPA: **3.48** / 4.00

Certifications & Courses

- **AWS Academy Cloud Foundations** — AWS Training and Certification (2024)
- **AWS Academy Cloud Developing** — AWS Training and Certification (2024)
- **AWS Academy Cloud Web Application Builder** — AWS Training and Certification (2024)