SHAFIKUL ISLAM

Backend, Platform & Cloud Infrastructure Engineer · Node.js · Go · PostgreSQL · K8s · HIPAA/PIPEDA

Dhaka, Bangladesh (UTC+6 · EU Full & US til 12pm ET · Deel EOR / B2B) | **shafiktanbir@gmail.com** | +8801630083582 | **shafiktanbir.com** | **github.com/shafiktanbir** | **linkedin.com/in/shafiktanbir**

PROFESSIONAL SUMMARY

Backend, Platform, and Cloud Infrastructure Engineer with 4+ years of production experience architecting HIPAA/PIPEDA-compliant multi-tenant SaaS backends (PostgreSQL RLS, SHA-256 audit sealing), high-throughput Node.js/TypeScript and Go APIs, and Docker/Kubernetes (K3s/ArgoCD) infrastructure. Led backend and cloud delivery for emmai.ca, engineered GTFS-Realtime transit APIs for ridebustang.com (-45% P95 latency), and landed 13 upstream open-source PRs (Upstash 4x, Restate 2x, Checkly 2x, OpenStatus 2x, Resend Rust, Jitsu, Kubernetes) plus 67 active Cloud & Go PRs.

TECHNICAL SKILLS

Backend & Systems:	Node.js, TypeScript, JavaScript, Go (Golang), Python (FastAPI/Django), Rust (Axum/Tokio), Express, NestJS, REST, WebSockets, gRPC
Databases & Caching:	PostgreSQL (RLS, EXPLAIN ANALYZE, Composite B-Tree, PgBouncer, TOAST), Redis (Cache-Aside, Lua EVALSHA, Pub/Sub), MongoDB, RabbitMQ
Containers & Cloud:	Docker (multi-stage, Compose), Kubernetes (K3s/EKS), Helm, ArgoCD GitOps, Argo Rollouts, Ubuntu Linux, systemd, Ansible, AWS
Security, Compliance & SRE:	HIPAA & PIPEDA Controls, SOC 2/GDPR-Ready Tenant Isolation, SHA-256 Audit Logs, FusionAuth SSO, OAuth2/JWT, RBAC, Kyverno, NetworkPolicies, Trivy, WireGuard, Prometheus/Grafana

PROFESSIONAL EXPERIENCE

Infrastructure & Cloud Team Lead — Cansoft Technologies — **Oct 2025 – Present**

- **Regulated Multi-Tenant SaaS (emmai.ca — HIPAA/PIPEDA):** Led backend architecture, PostgreSQL RLS subdomain isolation (*.emmai.ca), FusionAuth SSO, SHA-256 immutable SOAP note sealing (HTTP 403 post-sign), split billing, and HL7 v3 eClaims.
- **Zero-Downtime Migration Engine:** Engineered streaming Jane App medical data migrations handling TOAST JSONB decompression, 3-tier WAN deduplication, and 72h rollbacks.
- **Zero-Trust Kubernetes & GitOps:** Automated multi-node K3s clusters with Ansible, ArgoCD GitOps, Helm, Traefik ingress, NetworkPolicies, Kyverno policies, Trivy CVE gates, WireGuard mesh, and Prometheus/Grafana alerting.

Backend Developer (Remote Contract) — Digital Gregg — **Jan 2025 – Sep 2025**

- **Transit Telemetry (ridebustang.com):** Engineered RESTful APIs and GTFS-Realtime / WebSocket vehicle tracking services for Colorado's statewide intercity bus network.
- **45% P95 Latency Reduction:** Resolved N+1 bottlenecks using PostgreSQL composite indexes, query refactoring, Redis caching, and automated GitHub Actions Docker pipelines.

Full-Stack Developer (Contract) — Tunnel — **Jul 2024 – Dec 2024**

- Developed Node.js/Express backend services and inter-service REST contracts, optimized SQL/MongoDB queries, standardized Docker Compose environments, and shipped API validation fixes.

Independent Backend Developer — Remote Contract & Self-Built Ventures — **Jan 2023 – Jul 2024**

- Bootstrapped, shipped, and transferred a micro-SaaS platform; implemented Go + Redis Lua atomic reservation flows, client backend APIs, JWT/RBAC, and AWS/VPS Docker deployments.

Assistant Technical Trainer — Pc Plus Computer Center — **Feb 2022 – Jul 2023**

- Taught Python, Django, REST APIs, relational SQL schema modeling, and Docker Linux VPS deployments; mentored junior developers.

OPEN SOURCE CONTRIBUTIONS & BENCHMARK SYSTEMS

Merged & Active Upstream OSS (13 Merged · 67 Open): upstash/{qstash-js#296, qstash-py#61, vector-js#76, vector-py#53}, resend-rust#148, restatedev/sdk-ts{#814,#810}, checkly-cli{#1574,#1566}, openstatus{#3003,#2988}, jitsu#1592, kubernetes/website#56635; active Go PRs in Grafana, ClickHouse, Temporal, LiveKit, NetBird & Tailscale.

Sneaker-Drop-System & rust-ecommerce-backend: Go + Redis Lua EVALSHA locking (0.00% oversell under go test -race & 2k-VU k6); Rust/Axum/SQLx FOR UPDATE (4,665 RPS across 307k 4-node Hetzner requests, 28.4ms P95).

K8s-Infra-Hardening & Event-Driven Messaging: Argo Rollouts canary, Kyverno, Go Pod Hygiene CLI (Go tests passing, helm lint); RabbitMQ progressive DLX (26/26 tests) & Node/TS microservices (48/48 Jest tests).

VERIFIED CERTIFICATIONS (2026 · CREDENTIALS ISSUED UNDER SHORT NAME SHAFIK TANBIR)

Ubuntu Linux Professional Certificate by Canonical — Canonical & LinkedIn (2026) | Ubuntu Server, systemd & Security Hardening · [Verify PDF]

Docker Foundations Professional Certificate — Docker & LinkedIn (2026) | OCI Containers, Multi-Stage Builds & Compose Networking · [Verify PDF]

DevOps Professional Certificate by PagerDuty and LinkedIn — PagerDuty & LinkedIn (2026) | CI/CD Pipelines, IaC, Incident Management & SRE Reliability · [Verify PDF]