

Miras Shaltayev

Backend Engineer

Almaty, Kazakhstan • miras.shaltayev@gmail.com • 8 (708) 831 3445 • linkedin.com/in/iomiras • t.me/iomiras
github.com/iomiras

Experience

Backend Engineer

Kwaaka

Astana (Remote)

Mar 2025 – present

- Designed and built the kiosk ordering integration in Go: live in **60+ restaurants, 3.5K to 4K orders per day**
- Built the full backend of a food-ordering mini app with coupons inside the Onay app: about 10% of visitors place an order
- Migrated **24 AWS Lambda functions** (Go, Python, Node.js) into the core Go backend as the **primary contributor**, enabling self-hosted deployment and removing per-invocation costs
- Added a LavinMQ queue for Webkassa fiscal receipts (about **5K per day**), with retries and idempotency by order ID, so retries do not create duplicates
- Integrated Halyk ePay into the QR menu (about **1K orders per day**), adding card, Apple Pay, and Samsung Pay payments
- Designed and built a Billing microservice in Go: subscription plans, cron auto-charge, idempotent invoices designed for **120+ restaurant** clients

Research Assistant

PCMC Laboratory, Nazarbayev University

Astana, Kazakhstan

Sept 2024 – May 2026

- Built a Go experiment orchestrator and REST API: jobs go to a Redis queue, background workers run training scripts, and aggregated results are cached in Redis for frontend polling
- Designed a concurrent time series pipeline in Go (goroutines, worker pool) that prepared datasets of 130,000+ rows for model training and evaluation
- Built Go services to collect, validate, and store meteorological and SCADA data from wind turbines

Education

Kazakh-British Technical University

MSc in Computer Science and Data Analytics

Almaty, Kazakhstan

Sept 2026 – June 2028

Nazarbayev University

BSc in Computer Science

Astana, Kazakhstan

Aug 2022 – June 2026

- **Relevant coursework:** Algorithms, Database Management Systems, Software Engineering, Operating Systems, Computer Networks
- Thesis: "Federated Learning and LLM for Privacy-Preserving Wind Speed and Wind Power Forecasting"
- Studied on a Kazakhstan state grant.

Skills

Programming: Go (main), Python, SQL

Backend: REST APIs, microservices, concurrency (goroutines, worker pools), payment and POS integrations, delivery aggregator integrations

Data: MongoDB, Redis (queues and caching), LavinMQ

Infrastructure: Docker, Kubernetes

Languages: English (IELTS 8.5), Kazakh (native), Russian (fluent)