`Go Backend Developer`

Roman Vassilchenko

+7 775 900-46-26
roman.vassilchenko.work@gmail.com
github.com/RomanVassilchenko
linkedin.com/in/rovassilchenko
t.me/Roman_Vassilchenko

Go Backend Engineer with experience building high-load distributed systems. Designing and developing microservices that process millions of requests: event-driven architecture with Kafka, PostgreSQL optimization, gRPC/REST APIs. Currently at Bereke Bank building auto loan collateral system. Creator of AdalQarau — a procurement analytics platform with anomaly detection algorithms. Open to international relocation.

Key Skills

Tech Stack Golang, gRPC, REST/HTTP, PostgreSQL, Redis, Kafka, Docker, Camunda BPMN, MongoDB, Neo4j, Protocol Buffers (ProtoBuf), MinIO/S3, GitHub Actions, AWS, Kubernetes, testify, NixOS, Python.

Work Experience

MIDDLE BACKEND GO DEVELOPER *Bereke Bank* Sep 2025 — Present

B2C Loan Request Platform · production; microservices; event-driven

- Developing and maintaining **B2C loan-request microservices** for auto dealership credit processing.
- Actively working with **Camunda BPMN workflows** for complex business process automation.
- Implemented **multiple integrations** with various teams and services via API/Kafka.
- Created **Mattermost integration** for alerts and notifications across banking operations.
- Participated in digital transformation initiatives of core banking services.

Tech Stack Go, PostgreSQL, Redis, Kafka, Camunda BPMN, Docker, CI/CD

JUNIOR BACKEND GO DEVELOPER *Ozon Tech* Aug 2024 — Sep 2025

Enterprise Employee Portal (60,000+ users) · production; monolith → microservices

- Led monolith decomposition: extracted employee data into standalone service, reducing core load by **20–25%**.
- Developed **staff-lib** — reusable library for DB access, validation, and middleware — adopted across dozens of services.
- Automated attendance enforcement: reclaiming unused seats and blocking repeat no-shows.
- Built data export pipeline from Ozon Forms to Vertica for analytics teams.

Tech Stack Go, gRPC, PostgreSQL, ClickHouse, Redis, Kafka, Vertica

BACKEND DEVELOPER INTERN *Ozon Tech* Dec 2023 — Aug 2024

Ozon Matrix Platform (Company-wide Hiring System) · production; microservices; high traffic

- Optimized complex SQL queries, accelerating candidate list generation by up to **8×**.
- Re-engineered ElasticSearch filter logic — improved speed **2.5×** and reduced cluster load.
- Integrated Chatzone (Mattermost) via dedicated gRPC notification service with sharding and delayed Kafka dispatch — cut manager response time to applications.

- Designed Grafana dashboards for proactive error monitoring — boosted anomaly detection and response speed.

Tech Stack Go, PostgreSQL, Redis, ElasticSearch, Kafka, ClickHouse, gRPC, REST

Education

M.SC. IN COMPUTER SCIENCE & ENGINEERING *Astana IT University (AITU), Astana*   **2025 — Present**

- Thesis: Intelligent Methods for Analyzing and Detecting Anomalies in Tender Procurement Data.

B.SC. IN SOFTWARE ENGINEERING *Astana IT University (AITU), Astana*   **2023 — 2025**

- **Relevant Coursework:** Graph Theory Methods in Information Systems (Neo4j + GDS), Advanced Database Systems (PostgreSQL optimization), NoSQL Systems (MongoDB + FastAPI).

PREVIOUS STUDIES *ITMO University, St. Petersburg*   **2021 — 2023**

- 2 years completed before transfer to AITU for Software Engineering.

Additional

- Full-time availability (on-site / hybrid / remote).
- Open to international relocation (Netherlands, Denmark, Cyprus, etc.).
- Seeking challenging backend engineering roles with growth opportunities.

Languages

- Russian — Native
- English — C1 (Professional working proficiency)
- Kazakh — Basic

Key Projects

CREATOR *AdalQarau — Public Procurement Analytics Platform*   **2024 — Present**

- Designed and built risk scoring system with graph-based relationship analysis between procurement participants.
- Scalable Go backend: data processing pipelines, risk indicators, automated report generation.

Tech Stack Go, PostgreSQL, Kafka, REST API, Data Pipelines