

BEKNUR KARSHYGA

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EXPERIENCE

Bereke Bank

Astana, KZ

Senior Go developer

June 2025 – Present

- Built and supported Go microservices used across the bank, integrating with **PostgreSQL, Redis, Kafka**, and internal APIs.
- Automated the creation of customer appeals by setting up communication between several services through Apache Kafka, turning what used to be a manual process into a fully event-driven pipeline.
- Wrote and optimized a large amount of SQL — from simple queries to complex joins and CTEs — to support CRM, legal, and customer data workflows.
- Cleaned up a significant amount of architectural and technical debt, simplifying old services, fixing inconsistent logic, and making the system more stable and easier to maintain.

Armenotech/APS

Limassol, CY

Mid-level Go developer

June 2022 – June 2025

Integration modules ("Drivers"):

- Increased the conversion rate from **10% to 80%** for Australian merchants by optimizing the performance of getting billing info.
- Integrated a cryptocurrency exchange for automatic transaction confirmation, which frees up the support team for **5 minutes** from each customer request.
- Reduced development time from **3 weeks to 5 days** by merging **17 integrations** into one data model.
- Designed a service to automate transaction creation, reducing the testing time of 93 terminals from a **week to 2 hours**.
- Achieved **76% test coverage**, improving code readability and bug detection.
- Developed a QR code payment service, enabling integration of Kenyan partners into the platform.
- Added alerts to quickly notify the team of issues, reducing reaction time to **3 seconds**.

Transaction status service ("Redirects"):

- Maintained a service to increase the consistency of transaction status information, replacing **four services** and speeding up changes and improvements by **400%**.
- Developed and implemented an effective styling tool that allowed merchants to change the aesthetics of payment forms. Connected over **200 active merchants**, boosting overall customer satisfaction scores dramatically.

Agricultural Service

Astana, KZ

Engineering Team Lead (Go Developer)

November 2021 – June 2022

- Managed a development team of **4 people**.
- Reduced deployment time by **50%** by using GitHub Actions and Docker.
- Developed functionality to accelerate the delivery of orders from **10 minutes to 2 minutes**.
- Organized integration testing, cutting issue detection time from **30 minutes to seconds**.
- Introduced Prometheus metrics with Grafana dashboards for real-time monitoring, enabling instant error detection.

Kassa24

Almaty, KZ

Junior Go developer

February 2021 – November 2021

- Improved existing functionality and fixed bugs for **13 banks**.
- Eradicated vulnerabilities that could cause **PCI-DSS** certificate stripping by hashing personal information.

EDUCATION

Alem.School

July 2021 – February 2022

Astana, KZ

Associate Go developer

- Learned basics of Go, SQL, JS, and Code review

L.N.Gumilyov Eurasian National University

September 2019 – November 2020

Astana, KZ

Computer Science And Programming

SKILLS

Languages: Go, JavaScript, SQL, Python

Developer Tools: API, GRPC, GraphQL, AWS, CI/CD, K8s, Docker, PostgreSQL, MongoDB, DynamoDB, Redis, Apache Kafka, NATS, ELK, Prometheus, Grafana, Jaeger

Soft skills: Leadership, Strategic Thinking, Communication, Coaching and Mentoring, Collaboration

EXTRACURRICULAR

- Organized a group and mentored **20+ students** in preparation for an interview. The course lasted three months.
- Collaborated with bank IT teams to integrate banks & crypto exchanges into the payment system