

Yelshat Duskaliyev



Contact information

- **Hometown** - Almaty, Kazakhstan
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Professional Experience

• Lead Go Developer

ITKey • Full time

08/2023 - present

Almaty, Kazakhstan

- Led architecture design and implementation of scalable microservices using Go;
- Designed and implemented Helm charts for Kubernetes deployments, streamlining the CI/CD pipeline for multiple projects;
- Architected and developed an RBAC-based API gateway, enhancing security and access control across services;
- Built a custom code generator for Temporal workflows, enabling an RPC-like development experience and improving developer productivity;
- Managed a small team of developers, providing technical guidance and ensuring project deliverables met quality standards.

• Senior Go Developer

ITKey • Full time

01/2023 - 08/2023

Almaty, Kazakhstan

- Designed and implemented RESTful and gRPC APIs for internal services;
- Developed event-driven systems using Kafka for reliable message processing;
- Wrote comprehensive unit and integration tests to ensure code reliability;
- Designed and implemented scalable microservices architecture for critical internal systems;
- Participated in on-call rotations for production support.

• Go Developer

ITKey • Full time

09/2021 - 01/2023

Russia, Innopolis / Almaty, Kazakhstan

- Worked on existing systems, developed new features, and maintained the existing codebase.
Stack: Go, gRPC, Kafka, Docker, Kubernetes, PostgreSQL, Temporal, etc.

- **Go developer**

Marketplace Technologies • Full time

02/2021 - 09/2021

Russia, Innopolis

Backend developer of internal ERP project.

Go, Kafka, Kubernetes, PostgreSQL

- **Junior developer**

Technodom Operator JSC • Full time

09/2018 - 07/2019

Almaty, Kazakhstan

Worked as a full-stack developer, developed and supported several projects for internal usage.

Java, Spring, Laravel, OctoberCMS, ZeroMQ, SOAP.

Projects

- **HR-Bot scheduling service** • Go developer

06/2020 - 06/2022

Worked on an integration with calendar services, and everything related to calendars (e.g. building an algorithm and API interface to find available time slots in a specified user calendar). IMAP, SMTP, iCal, and other fancy stuff.

Project was converted into the [trn](#) - library for dealing with time intervals.

- **[Dvizz](#)** • Go developer

07/2020 - 11/2020

Worked on the support of existing services, implementation of database integration, concurrent service workers, and on the implementation of custom NATS-RPC methods.

- **Eurobot** • DevOps engineer

10/2019 - 05/2021

Worked on the setup of a development environment, CI-CD automation, also developing the library for automatic simulation testing in ROS+Gazebo combination.

- **Feedback Collector Android application + Website for analytics for Technodom Operator JSC** •

Android developer, Backend Web-developer

07/2018 - 08/2018

The android application to collect the feedback from the customers, and the laravel-based website to process the aggregated data, visualize the fancy graphs and control all negative feedbacks to be processed.

Education

- **[Innopolis University](#)**

2019-2023

B.Sc in Computer Science

- **[Kazakh-British Technical University](#)**

2018-2019

Languages

English (Upper-intermediate, IELTS overall 6.0), Russian (native)

About me

I am a high achiever with a strong interest in new technologies. I enjoy reading professional literature and have participated in numerous programming competitions. I always strive to apply my knowledge and skills in the best possible way. Also, I always try to find the best application for my knowledge and my skills.

Currently, I own a small homelab where I experiment with some technologies such as Tailscale, Proxmox, and developing my own solutions for DNS and DHCP, along with other projects to improve my life.

Key skills

I've extensively worked with a lot of technologies, for DevOps and programming purposes.

Interests

I enjoy reading both fantastic and scientific literature. I also occasionally play computer games and develop small projects to enhance my life.

Pet-projects

You're welcome to check out my [github](#) account, where I store some of my pet-projects.

Worth mentioning:

- [gRoxy](#) - a simple mocking server with reverse-proxy capabilities for gRPC, written in Go. Benchmarks show the better performance on small set of requests compared to [gripmock](#), [wiremock](#). Has a simple YAML interface for configuration.
- [releaseit](#) - release notes builder, have used it in several projects to generate release notes for the project, based on pull requests and commits.