# Yelshat Duskaliyev

## Contact information


- **Hometown** - Almaty, Kazakhstan
- **Email** - yduskaliyev@semior.dev
- **Website** - semior.dev
- **Github** - Semior001
- **LinkedIn** - Yelshat Duskaliyev
- **Telegram** - semior077


## Professional Experience

- **Senior Go Developer**
  EPAM • Full time
  01/2026 - present
  Almaty, Kazakhstan

- **Lead Go Developer**
  ITKey • Full time
  08/2023 - 01/2026
  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
  B.Sc in Informational Systems

## 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.