

Maksim Ryzhevnik

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Education

ITMO University

Bachelor of Science in Computer technologies: programming and artificial intelligence

Sep 2023 - Jun 2027

St. Petersburg, Russia

Experience

Yandex

Intern Go-Developer

- Added Cloud Desktops service to Yandex Cloud Terraform provider

Sep 2025 - Dec 2025

St. Petersburg, Russia

Yandex

Intern Go-Developer

- Implemented integration between consent storing service in Go and a legacy service
- Developed Python tasklet for clearing clogged queues
- Added ability to use server-side balancing of partitions of queue to a Go service

Mar 2025 - Aug 2025

St. Petersburg, Russia

Projects

simple JWT | Go, Echo, PostgreSQL, Goose, Docker, JWT, Clean Architecture

- Studied how JWT-tokens work and wrote my own implementation
- Set up database migrations to securely store user data and signing keys
- Implemented API for authentication and use of secure data
- Wrote docker-compose.yml to launch the whole project easily

gRPC library | Go, gRPC, gRPC Gateway, PostgreSQL, Goose, Clean Architecture, Outbox

- Implemented service methods from proto-file
- Used DB - PostgreSQL to store data safely
- Added migrations via Goose
- Added context transaction injection to support DB and outside operations atomicity
- Implemented Outbox pattern, saving async requests into PostgreSQL

NekosAPI Wrapper | Go, HTTP, REST API, Open API

- Learned theory about HTTP and REST API
- Read Open API documentations of the service and implemented wrapper for Nekos API

LFU Cache | Go

- Developed and implemented my own implementation of LFU Cache and LinkedList used inside of it

Website | Docker, Nginx, LaTeX

- Wrote nginx config to publish my pdf and web page
- Made docker-compose.yml that renders .pdf from .tex and launches the server

QT Minesweeper | C++, QT

- Developed Minesweeper game using QT Framework

Technical Skills

Languages: Go, Python, Java, SQL, C++

Technologies: gRPC, HTTP, Rest API, Open API, PostgreSQL, Goose, Docker, Nginx, Terraform

Concepts: Clean Architecture, Relational Databases, Outbox Pattern, Computer Architecture

Languages: English (fluent), Russian (native)

About me

I love trying new technologies and to organize processes in study projects. I would like to try myself in building highload and decentralized systems, like torrent or GCC. For now I'm developing towards being a software architect, but not against trying a little bit of management. I adore cinema and want to make my own movie.