

Dmitry Belousov

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► Work Experience

/ Commercial Experience */*

Middle Golang Developer

// JSC "NPO "Echelon" // 2023-present

- | Participation in the development of software products in the field of information and computer security using the Go programming language
- | Development and optimization of mechanisms for collecting data from open sources

/ Non-Commercial Experience */*

Backend Developer

// Open Source // 2017-present

- | Participation in hackathons (1st place at Hack The Railway 2021, 1st place at VTB API Hack 2022, etc)
- | Development of Open Source projects and contributions to large ones
- | google/cel-go + beldmian/kuznechik + beldmian/kuznechik.zig

► Key Skills

Programming Languages: Go + C + Zig + OCaml + Python **Languages:** Russian (Native) + English (B2)

Technologies: HTTP(S) + Linux + Git + Docker + REST **Software:** Neovim + tmux

► Education

National Research University Higher School of Economics (HSE)

// 2024-2026

- | Additional Professional Education (Minor), Bioinformatics

National Research University Higher School of Economics (HSE)

// 2023-2027

- | Bachelor's Degree, Business Informatics

► Projects

kuznechik

// 2024-2025

- | Efficient implementation of the "Kuznechik" cipher in Ocaml and Zig
- | [github \(ocaml\)](https://github.com/beldmian/kuznechik) + [github \(zig\)](https://github.com/beldmian/kuznechik.zig) + [altlinux_wiki](https://altlinux.org/wiki)

Fault-tolerant data replication layer between CEPH clusters

// 2023

- | Data replication service based on S3 API with implementation of encryption using GOST algorithms
- | VTB API Hackathon 2023 + Finalist

colorblinder

// 2023

- | Service for filtering mpeg-dash streams and VoD content for people with visual impairments
- | [github](https://github.com/beldmian/colorblinder) + [habr](https://habr.com/ru/post/744444/) + True Tech Hack 2023 + Finalist

Tool for ensuring dynamic format-logical control of interaction between systems using the SOAP protocol

// 2022

- | Middleware service for the SOAP protocol with validation of the hierarchy of XMLNS schemas with "hot replacement"
- | VTB API Hackathon 2022 + 1st place

yastation

// 2022

- | CLI client for managing Yandex music playback devices
- | [github](https://github.com/beldmian/yastation) + [habr](https://habr.com/ru/post/744444/)