Gleb Zakharov
Software Engineer

PERSONAL DETAILS

City	Bilbao, Spain
Phone	+34-675-929-421
Mail	snyssfx@posteo.net
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Technologies	Python (Flask), Go, JS/TS (Node.js, Vite, undici),
Technologies	Clojure (kit, tools.deps, Reitit, Portal, next.jdbc)
Databases	PostgreSQL, Redis, RocksDB
Others	Docker, Git, Kubernetes, Babashka
Languages	Russian (native), English (upper-intermediate), Spanish (basic)

WORK EXPERIENCE

Software Engineer   June 2022 - Present

milaboratories.com, leading software platform for immune repertoire profiling

- The main feature of platforma.bio: exponentially speed up workflows of clients by implementing a deep caching strategy in the core graph database based on RocksDB and Go.
- Allow clients to write their own workflows by integrating a scripting language into the core database.
- Increased the number of use cases by designing a possibility to deploy SSH-based Platforma Backend directly from the client's UI on TypeScript and Go.

Software Engineer   August 2020 - June 2022

ozon.ru, the largest Russian online shopping platform

- Designed a critical path analyses service in a distributed tracing. That allows optimizing several primary pages on the website.
- Saved hundreds of CPU cores in Ozon clusters by fixing non-blocking event pool in fluentd and logstash counterparts.
- Implemented discount requests from users to sellers. It's used by thousands of users per day with great GMV and feedback from sellers.
- Implemented 'buy together' marketing actions that allowed users to buy seller products as a group with discounts because of low wholesale prices.

Platform Software Engineer   January 2019 - July 2020

Panoramik Games

- Reduced time to market for new games by implementing common configuration and localization services. The services also allow configuration fixes on the fly.
- Increased stability of games and core platform projects by implementing unit and performance testing systems.

Software Engineer   September 2017 - August 2018

Emlid

- Python: parse and analyze gnss/gps data, launch computational tasks in parallel.
- C: implement multi-hypothesis Kalman filtering in RTKLIB for gnss precise positioning.

EDUCATION

BSc. in Software Engineering

Saint-Petersburg State University

The Faculty of Mathematics and Mechanics

Software Engineering and Administration of Information Systems

Department of Software Engineering