

Oleg Shevelev

Contacts

- mantyr@gmail.com
- telegram: @mantyr (prefer)

GitHub

- <https://github.com/avito-tech/smart-redis-replication>
- <https://github.com/mantyr/xmlutils>
- <https://github.com/mantyr/starter>

YouTube

- Gometalinter is our everything, ivi.ru, 2018
 - <https://www.youtube.com/watch?v=EoQZ1lcZWGM>

Summary

- Writing in Go since 2015
- Writing in PHP from 2007 to 2014
- I have been managing development teams since 2019
- Designed and implemented several billing systems
- Designed and implemented the authorization process without entering a login and password (in partnership with a mobile operator) for ivi.ru
- Designed and implemented the identity and access management for sbercloud.ru (cloud.ru)
- Designed and implemented Object databases management system for latenode.com

Freelance - Software Architect

Project: Managed Object Databases

- May 2024 - current time
- Roles in the project:
 - Software Architect (high-level design, low-level design)
 - Software Developer (golang)
- Functional responsibilities:

- Architectural sketch
- Software design
 - Registry service for customer databases and storage instances
 - Storage service for store user data (ObjectDB)
 - Connector service
 - API contracts (gRPC)
 - Advanced filters and modifiers
- Writing technical documentation (confluence)
 - Project documentation
 - CI processes
 - Component approach
- Writing programs (golang)

Project: Software distribution system

- December 2022 - March 2024
- Roles in the project:
 - Software Architect (high-level design, low-level design)
 - Software Developer (golang)
- Functional responsibilities:
 - Architectural sketch
 - Software design
 - Global Registry for apps
 - Local Registry for apps
 - Building system for apps
 - Plugin system for Golang apps
 - Storages for folders, apps, infrastructure objects
 - API gateways (api contracts)
 - Writing technical documentation (confluence)
 - Writing programs (golang)
- Tags
 - golang microservices
 - k8s/docker
 - go plugins
 - postgresql
 - gRPC
 - gitlab-ci
 - kustomize

SberCloud - Tech Lead

Project: Managed Bare metal

- October 2021 - September 2022
- Roles in the project:
 - Technical leader
 - Software Architect (high-level design, low-level design)
- Subordinate employees
 - Two Golang developers
- Functional responsibilities:
 - Architectural sketch
 - Software design
 - Server directory (bare metal)
 - Server flavors directory
 - Server reservation process
 - Operating System Templates
 - The process of installing the operating system on the server
 - Integration with other services
 - API gateways (api contracts)
 - Conducting technical interviews
 - Writing technical documentation (confluence)
 - Setting tasks (jira)
- Tags:
 - golang microservices
 - k8s/docker
 - postgresql
 - istio/envoy
 - gRPC
 - gitlab-ci/argocd
 - helm/kustomize
 - bare metal
 - Nvidia DPU Bluefield-2
 - NIC
 - DHCP
 - TFTP
 - PXE
 - VNC (remote frame-buffer)

- draw.io
- confluence
- jira

Project: Identity and Access Management (IAM)

- October 2020 - October 2021
- Roles in the project:
 - Senior Golang Developer
 - Software Architect (high-level design, low-level design)
- Functional responsibilities:
 - Architectural sketch
 - Software design
 - Resource storage
 - Role storage
 - Permission storage
 - User group storage
 - Permission engine
 - Integration with other services
 - API gateways (api contracts)
 - Development of microservices (golang)
 - Conducting technical interviews
 - Writing technical documentation (confluence)
 - Setting tasks (jira)
 - Writing tests (goconvey)
- Tags:
 - golang microservices
 - k8s/docker
 - postgresql
 - istio/envoy
 - gRPC
 - gitlab-ci/argocd
 - helm/kustomize

Mail.Ru Group (VK Group) - Senior Golang Developer

- December 2018 - December 2019

Project: Billing for VKPay ↔ Fast Payment System (Система Быстрых Платежей)

- Roles in the project:
 - Senior Golang Developer
- Functional responsibilities:
 - Software design
 - billing
 - Writing technical documentation (confluence)
 - Setting tasks (jira)
 - Writing tests (goconvey)
- Tags:
 - golang microservices
 - postgresql
 - gitlab-ci/rpm

Project: Billing for mass payouts

- Roles in the project:
 - Senior Golang Developer
- Functional responsibilities:
 - Software design
 - billing for mass payouts
 - Writing technical documentation (confluence)
 - Setting tasks (jira)
 - Writing tests (goconvey)
- Tags:
 - golang microservices
 - postgresql
 - gitlab-ci/rpm

IVI.RU online cinema - Senior Golang Developer

Project: Billing for selling subscriptions through partners

- December 2017 - October 2018
- Roles in the project:

- Senior Golang Developer
- Functional responsibilities:
 - Software design
 - Billing for selling subscriptions through partners
 - Development of microservices (golang)
 - Writing technical documentation (confluence)
 - Setting tasks (jira)
 - Writing tests (goconvey)
- Tags:
 - golang microservices
 - postgresql

Infotech Group - Senior Golang Developer

Project: Contact center (SIP)

- September 2017 - November 2017
- Roles in the project:
 - Senior Golang Developer
- Functional responsibilities:
 - Development of microservices (golang)
 - Writing technical documentation (confluence)
 - Setting tasks (jira)
 - Writing tests (goconvey)
- Tags:
 - golang microservices
 - postgresql
 - SIP
 - RTP
 - ip telephony
 - docker

Avito - Golang Developer

Architecture unit

- December 2016 - August 2017
- Roles in the project:

- Golang Developer
- Functional responsibilities:
 - Development of microservices (golang)
 - Writing technical documentation (confluence)
 - Writing tests
- Tags:
 - golang microservices
 - postgresql
 - k8s/docker
 - redis
 - redis cluster
 - smart redis replication → <https://github.com/avito-tech/smart-redis-replication>
 - helm

Yandex - PHP/JS Developer

Project: KinoPoisk

- <https://www.kinopoisk.ru/>
- December 2012 - March 2014
- Roles in the project:
 - PHP/JS Developer
- Functional responsibilities:
 - Performance of tasks of a wide profile
- Tags:
 - php
 - mysql
 - parsers
 - admins
 - social api
 - api