Oleg Shevelev

Contacts

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- telegram: @mantyr (**prefer**)

Location

- Tivat, Montenegro

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

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=EoQZ1IcZWGM

Software Architect

Project: Managed Object Databases

- May 2024 - December 2024

- 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