

Summary

Senior Python/Go developer

Education

Higher education

MSTU n.a. N.E. Bauman - Moscow

Graduated - 07/2014

Specialty - Metrology and metrological support. GPA - 5.0/5.0.

Diploma № CA16-32

Technopark@mail.ru - Moscow

Graduated - 09/2016

Educational program - System architect. Speciality - Web-development.

Employment History

Coins.ph

Senior Software Engineer - Remote

05/2021 - Present

Work in Integrations team.

Designed and developed:

- Google-pay integration to add the ability to pay in Google store through the Coins.ph mobile app.
Designed the architecture, wrote multiple endpoints, implement business logic. Add support for multiple signatures in openpgp library.

Support:

- 7-Eleven. Restored frozen integration. Improved audit of failed transactions.
- PESONet. Improved speed of transaction handling.
- Other. Added SSO for some projects and other.

Stack: Golang, Go-kit, Python, Django, Postgresql, Redis, SNS, Kubernetes, Helm, Terraform.

Mentoring middle engineers.

Yandex

Senior Software Developer - Moscow

12/2016 - 09/2021

Internal components department. Designed and developed:

- the internal components of the storage:
 - proxies for serving static files from our internal storage.
 - tools to manage internal storage, such as LRC tools to convert data to erasure coding format.Stack: Python, Tornado, Cocaine platform, MongoDB, ZooKeeper.
- Yandex Object Storage - AWS S3-compatible storage proxy.
 - Developed a core components for 2 installations with unified code: for internal (based on sharded Postgres with PL/Proxy) and external (based on Yandex internal database

YDB) clients from Yandex Cloud.

- Developed related scripts for cleaning deferred deleted objects, objects expiration, changing the storage class of objects, billing.

Stack: Python, Tornado, Go, Postgres, PL/Proxy, YDB, Yandex Message Queue (SQS analogue), GRPC.

Network development service (NOC). Designed and developed:

- IPv4 manager.
- Racktables plugins.
- Natasha - blackbox monitoring of L3-balancers.
- Alexandria - service that handle soft info and model info.

Rambler

Python developer - Moscow

12/2015 - 12/2016

I was responsible for designing and development of next components of corporate portal:

- CRM system for HR, which reduced the cost of search and selection of candidates.
- 360-degree evaluation system for staff.
- An interactive map of the office.
- System for managers to automate the creation of weekly reports.

Stack: Python, Django, Redis, Postgres, Uwsgi.

Links

<https://github.com/KhasanovBI>