Ilias **Nugaev**

SOWTWARE DEVELOPER · SOFTWARE ENGINEER

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Education

HSE University(National Research University Higher School of Economics)   *Moscow, Russia*

BACHELOR IN SOFTWARE ENGINEERING   *Sep. 2012 - Nov. 2016*

- Prepared the thesis was about using machine learning in static source code analysis.

Skills

Programming Languages	Golang, Python
Frameworks	Python: FastAPI, Flask, Django
Patterns & Architecture	DDD, SOLID, TDD
Protocols	REST API, gRPS, Protobuf, JSON, XML
DB & Storages	PostgreSQL, MongoDB, Message Queues
DevOps	CI&CD, Docker, Docker Compose, Terraform, VictoriaMetrics
Languages	Russian, English

Experience

Yandex   *Belgrade, Serbia*

SENIOR SOFTWARE ENGINEER   *Oct. 2023 - Mar. 2025*

- Implemented metrics, organized the dashboards and alerts for new component of Payment Engine — Eventbus — made it observable and controllable.
- Together with the team we improved the capacity of the payment engine by 50%, improved server response timings by 60% (600ms -> 250ms) and optimized hardware costs by implementing the library for Event Bus integration and usage.
- Improved average TTM from 1 week to 1 day by implementing CI with auto-releases for Payment Engine service and increasing frequency of the releases.
- Further improved TTM by increasing quality of release checks and reducing the number of service rollbacks.

Yandex   *Moscow, Russia / Belgrade, Serbia*

SOFTWARE ENGINEER   *Nov. 2021 - Oct. 2023*

- Got rid of the infrastructure risks by integrating the service into more standard, modern and supported infrastructure systems and tools.
- Got rid of the infrastructure risks and improved performance by getting rid of the bottleneck by transferring a large collection to a cloud database without a downtime (implemented our own custom ORM).
- Improved customer satisfaction with the service by stabilizing the testing stand and reanimated the dev stand for internal use.
- Contributed to the company hiring by conducting technical interviews.
- Participated in production high load (1000 TPS) Payment service reliability duty.

BI.ZONE   *Moscow, Russia*

SOFTWARE DEVELOPER   *Mar. 2020 - Oct. 2021*

- Became responsible for the backend development of several cybersecurity services:
    - Secure Email Service
    - Secure DNS Service
    - Report Generation Service

Media Machines Laboratory   *Moscow, Russia*

SOFTWARE DEVELOPER   *Sep. 2019 - Mar. 2020*

- Integrated the service with GoogleAds API — allowed to use Google advertising forecasting in the service.
- Integrated the service with Facebook Graph API — allowed to use Facebook advertising forecasting in the service.
- Created Google Data Studio connector for the service — allowed to retain two key customers and opened up a new business direction.
- Participated in the improvement of the media plan generation algorithm, which accelerated the process of automatic media plan generation.

START.ru   *Moscow, Russia*

SOFTWARE DEVELOPER   *Feb. 2019 - Jun. 2019*

- Participated in the development of the platform's backend services.

DC-systems.ru   *Moscow, Russia*

SOFTWARE DEVELOPER   *Aug. 2017 - Feb. 2019*

- Developed the service for storing and preprocessing speech recording data on MicroPC (RaspberryPI, OrangePI).
- Participated in the development of the platform's backend services.