

Max Simonov

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Education

Moscow State Technical University n.a. Bauman

Bachelor of Science in Computer Science

2016 — 2020

Moscow, Russia

Technopark by Mail.ru group

Graduate of the course “System architect”

2018 — 2019

Moscow, Russia

Experience

TrafficStars

Back End Developer

2022 — 2024

Limassol, Cyprus

- In an advertising company, I maintain a geo-distributed service that selects the most relevant and high-priced ads for each request, and refined it to launch CostPerAction payment model.
- I created and deployed Golang + Kafka event streaming services, which replaced periodic batch processes and allow to work with money in real time, buying exactly as much traffic as the client paid in, improving SLA. During the time of my work, the company's revenue increased by 28%, it is the merit of a well-coordinated team in which there is my part.

Ozon

Back End Developer

2020 — 2021

Moscow, Russia

- I worked in the OZON.ru marketplace in sellers' analytics. I supported the ETL pipeline which allowed the sellers to make a clear understanding of the state for each product.
- We have compared the available goods with those offered by competitors. We compared the current category turnover with global market statistics. We compared current products to logs of unsatisfied search queries. Each of these comparisons is a separate analytics page, and I participated in each of them. The percentage of sellers using the statistics on a weekly basis increased from 30% to 60%.

Yandex

Distributed Systems Developer Intern

Summer 2020

Moscow, Russia

- I worked in the search engine team. I wrote C++ and Python tasks for the MapReduce cluster, extending the chain, chewing up all the downloaded Internet pages into an inverted search index. I have implemented a task to include/exclude favicon.ico based on robots.txt, which is used once a day when the index is updated.

Acronis

Back End Developer Intern

2019 — 2020

Moscow, Russia

- In the cloud backup platform, I fixed bugs, wrote tests, stabilized the code base, optimized database performance and improved the user experience in a relatively finished product.

Technical Skills

Languages: Golang, Python

Databases: PostgreSQL, ClickHouse, MongoDB, Redis, Kafka

Virtualisation: Docker, Kubernetes, AWS E2

Technologies: Linux, Bash, REST, gRPC

Developer Tools: JetBrains IDE, fan of linters and quality-checking tools