Alexey Michurin

Backend Golang Developer

Alexey Michurin
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Avito, Gett, Yandex,
VimpelCom, MSU Golang

Python
NodeJS
PostgreSQL
Redis
MapReduce/PrestoDB
Linux

Product development
Billing
Inventory
Fraud prevention
ML infrastructure for
bidding and weather
forecasting

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Ready for relocation
Not ready for remote

About Me I've been lucky to work on a bunch of amazing projects and learn from smartest people. I believe my expertise might come in handy and you have challenging job.

Experience

Jan 2021 – present, Avito, Cross-functional team

Mostly Golang, PostgreSQL, Redis.
It is my most product-focused position. I learned here how to make extremely flexible software, how to fit approaches to tests, logging, monitoring into unpredictable requirements changes. How to deal with contracts to ship new features faster and keep backward compatibility. How to share knowledge to move faster and work under the same roof with front-end engineers, designers, product-managers.

May 2018 – Dec 2020, Gett, Payments and Fraud prevention

Golang, Python, RabbitMQ, PostgreSQL, PrestoDB, Redis, AWS.
The primary responsibility of our team was to support and develop payments infrastructure. It was made up of lots of internal and external integrations as well as parts of business logic. I also supported existing fraud prevention system based on ML.

Jun 2016 – May 2018, Yandex, Weather forecasting system

Python, MapReduce, MongoDB, distributed computing.
We developed distributed system, that fetched weather data from different sources and produced weather forecast based on ML. I was engaged into process of significant modifications of system. We got global and began to process more data sources. I was responsible for applying ML models and collecting logs for training process. I designed not only the system itself, but also degradation strategy, monitoring and other useful things.

Nov 2014 – Jun 2016, Yandex, Advertising system

Python, Perl, MySQL, MapReduce, distributed computing.
Our team was focused on auction and bidding. I took part in development and investigations. I also actively participated in design and development of RTB system. I was feature owner and key developer for new banner enrichment feature. In addition I contributed a bit to MapReduce engine.

Dec 2006 – Nov 2014, Vimpelcom (Beeline), Billing and Inventory

Python, Perl, MySQL, widespread distributed systems.
We managed Beeline WiFi and broadband networks with tens of thousands of network hardware spread out over ten time zones. I was focused on control and monitoring system in conjunction with billing system. For example, it switches shapers to align traffic to tariff and billing status of customer.

Education

1992 – 1998, Moscow State University

Physical department. Master Of Science (Solid State Physics).

(Fun) facts

I worked in Moscow State University for 8 years after graduating. I taught students, conducted researches, made speeches at conferences, wrote papers. I worked abroad in international labs in Poland (Warsaw University of Technology and International Laboratory of High Magnetic Fields and Low Temperatures, Wroclaw) and Spain (University of Zaragoza).