

# Igor Feofilaktov

Senior software engineer

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## Work Experience

- Nov 2021 – Present **Yandex, Senior software engineer**, Adevertising technologies, QA&Release infrastructure team.  
Leading team of engineers tasked with providing regression and acceptance tests in production-like environment for advertising backend service.
- Designed the infrastructure for continuous delivery for testing stages of microservices, which helped to split monolith application into several microservices.
  - Decreased service downtime by 20% by organizing on-call duty process.
  - Reduced resource utilization of the testing process by 30% via various optimizations.
  - Performed capacity planning and resource management for the infrastructure.
- Apr 2018 – Oct 2021 **Yandex, Software engineer**, Adevertising technologies, QA&Release infrastructure team.  
Developed reliable differential tests for the Ads engine with self-updating test data gathered from the production environment. Improved QA&Release processes:
- Triple the number of releases per week by automating the acceptance process.
  - Increased accuracy of load differential tests by 2 times.
  - Improved testing infrastructure stability and availability by setting up monitoring and alerting system.
- Aug 2017 – Apr 2018 **Yandex, Software engineer**, Adevertising technologies, Statistics infrastructure team.  
Designed and implemented distributed system for availability monitoring of advertiser's websites. Decreased average reaction time from 24 hours to 1 hour.
- Dec 2016 – Jul 2017 **New Cloud Technologies, QA automation engineer**, Mail platform developing team.  
Built automated testing framework from the ground up. Integrated QA processes into the CI/CD system.
- Wrote automated tests for service's API.
  - Designed issue tracker workflows for bug tracking issues, feature requests and releases.
- Sep 2015 – Nov 2016 **Search portal Sputnik, QA automation engineer**, Mail developing team.  
Automated functional and regression tests for service backend.
- Implemented automated tests for components of the system
  - Designed and implemented web-service aimed to help the manual testers set up their test environment.
- May 2014 – Aug 2015 **Internet-Initiatives Development Fund, Tech support engineer**, IT team.  
Solved wide range of problems including:
- Set up Zabbix monitoring system for network devices and production services.
  - Automated routine tasks such as parsing WEB-pages to organize data for easier analysis in MS Excel.
  - Automated manual tests for company's website using Selenium web driver framework.

## Education

2009-2014 **Specialist in Mathematics**, Lomonosov Moscow State University, Moscow, Russia.

## Programming languages

Advanced level: python

Basic level: SQL, C++, Bash, Perl

## Skills

Testing tools	pytest, allure	VCS	git, mercurial
Monitoring Tools	zabbix, grafana, Yandex internal monitoring systems	Development Tools	vim, ipython, gdb, UNIX tools
CI/CD	Jenkins, Yandex internal CI/CD system	Other	RESTful, RPC, Microservice architecture

## Languages

Russian native  
English high intermediate