

Igor Feofilaktov

Software engineer

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Work Experience

- Nov 2021 – Present **Yandex, Tech lead**, Adevertising technologies, QA&Release infrastructure team.
Led team of QA engineers tasked with providing regression and acceptance tests in production-like environment for advertising backend service.
- o Designed the infrastructure for differential tests using real external services instead of stubs which helped to split monolith application into several microservices.
 - o Decreased testing service downtime by 20% by organizing on-call duty process.
 - o Reduced resource utilization by tests by 30% via various optimizations.
 - o Performed capacity planning and resource management for QA&test 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:
- o Triple the number of releases per week by automating the acceptance process.
 - o Increased accuracy of load differential tests by 2 times.
 - o Improved testing infrastructure stability and availability by setting up monitoring and alerting system.
- Aug 2017 – Apr 2018 **Yandex, Software developer**, 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.
- o Wrote automated tests for service's API.
 - o 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.
- o Implemented automated tests for components of the system
 - o 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:
- o Set up Zabbix monitoring system for network devices and production services.
 - o Automated routine tasks such as parsing WEB-pages to organize data for easier analysis in MS Excel.
 - o 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

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| Testing tools | pytest, allure | VCS | git, mercurial, Yandex internal VSC |
| 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