

# Daria Serkova

BUILD ENGINEER · SYSTEMS ENGINEER

Saint-Petersburg, Russia

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## Summary

10 years experience in maintenance, deploy automation and monitoring realization of different kinds of applications, in automating software life cycle using different set of tools, great experience of communicating with customer. I like the ideas of infrastructure as code, cloud computing and DevOps principles and try to behave in accordance with them. Speaking about tools I like python, ansible, docker, prometheus and try to be aware of it.

## Work Experience

### Arrival

SENIOR SYSTEMS ENGINEER

Saint-Petersburg, Russia

Jan. 2020 - present

- Maintained core clusterised platform of the company
- Developed cluster-on-demand vendor agnostic system
- Developed k8s operator to provide environments on-demand

### Wrike

SENIOR SYSTEMS ENGINEER

Saint-Petersburg, Russia

Jan. 2020 - present

- Maintained production and stage environments (k8s clusters and non-dockerized applications)
- Prepared and deployed infrastructure as code
- Developed and support custom packages builds, monitoring schemes and cloud configurations
- Participated in team's on-call routines and maintenance

### Tinkoff Bank (TCS Group)

SENIOR ENGINEER OF INFRASTRUCTURE TEAM

Saint-Petersburg, Russia

Nov. 2018 - Jan. 2020

- Organized continuous maintenance and monitoring/alerting of developing and production environments
- Supported QA and DEV teams with CI/CD processes and infrastructure issues
- Participated in division of "monolith" to container environment
- Researched and made important architecture decisions such as the choice of orchestrator, deploy strategy, infrastructure type

### EPAM Systems

SENIOR SYSTEMS ENGINEER

Saint-Petersburg, Russia

Sep. 2017 - Nov. 2018

- Automated deploy, build and some of QA processes for a bunch of applications
- Came up with and performed a way to manipulate CI/CD infrastructure as a code.
- Participated in applications' migration to the cloud
- Made a set of demos, how-toes and wiki pages for developers and support engineers

### I-Digital

SENIOR APPLICATION ADMINISTRATOR

Saint-Petersburg, Russia

Aug. 2014 - Aug. 2017

- Automated deploy process, organized testing
- Controlled and designed monitoring algorithms. Supervised technical support engineers

## Tools and Skills

### MOST USED

#### Terraform

- Self-written modules for specific needs
- AWS, GCP, YandexCloud

#### Kubernetes

- Troubleshooting, monitoring. Cluster updates and configuration
- Vendor agnostic cluster systems
- Self-written k8s operators

### OTHERS

**Clouds** AWS, GCP, YandexCloud

**Monitoring, visualisation, alerting** prometheus, victoria metrics, Grafana

**CI servers and CMS** jenkins (groovy DSL, jenkins pipelines, jenkins api with python), gitlab ci, puppet, ansible

**Python, bash** scripts for routine automation and api-s interaction, ansible modules

**golang** k8s operators

**Also** snowflake, clickhouse, postgres (+patroni), mysql, mongo, nginx/openresty, apache http server, apache tomcat, jboss, wildfly, haproxy