

# Daria Serkova

BUILD ENGINEER · SYSTEMS ENGINEER

Saint-Petersburg, Russia

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## Summary

Almost 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. Now I'm also getting started with Go.

## Work Experience

### Wrike

Saint-Petersburg, Russia

SENIOR SYSTEMS ENGINEER

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
- Performed automatization of a variety of workflows

### Tinkoff Bank (TCS Group)

Saint-Petersburg, Russia

SENIOR ENGINEER OF INFRASTRUCTURE TEAM

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

Saint-Petersburg, Russia

SENIOR SYSTEMS ENGINEER

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

Saint-Petersburg, Russia

SENIOR APPLICATION ADMINISTRATOR

Aug. 2014 - Aug. 2017

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

## Tools and Skills

### MOST USED

#### Ansible

- Performed automation of deploy anything anywhere: application, LB-s, infrastructure parts etc
- Developed custom ansible modules for customer needs

#### Docker

- Custom docker build for self-written and opensource applications
- Orchestration, monitoring

#### Terraform

- Self-written modules for specific needs
- AWS, GCP, Snowflake providers

#### Kubernetes

- Troubleshooting, monitoring. Cluster updates
- Cluster configuration

### OTHERS

**Clouds** AWS, GCP

**Monitoring, visualisation, alerting** prometheus (exporters, Prometheus for specific computing, alertmanager), victoria metrics, Grafana, Zabbix

**Linux** deb/rpm based

**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

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