

Filipp Frizzy ~ Lead AWS DevOps Engineer

Warsaw, Poland

Links:

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Skills

- I have been working as Ops and DevOps engineer since 2012, including more than 7 years of experience working with UK & US teams and clients
- I have experience as Single, Main or Lead DevOps for small teams of other Ops people
- I have experience with migration of services into Docker environment, including Kubernetes, Docker Swarm and AWS Elastic Containers
- AWS is my primary cloud since 2015, but I've also worked with other providers like Hetzner, Scaleway, etc...
- I have experience with Gitlab, Github, Jenkins, Argocd and Fluxcd CI & CD
- I write Terraform, Terragrunt, Asible, Saltstack and other IaC setups
- I solved few disasters in production with various K8S setups
- I can do SQL and NoSQL HA setups, like Galera Mysql, Mongodb, Kafka, ZooKeeper, Clickhouse, Redis and so one
- I did a lot of monitoring solutions with Prometheus\Victoriametrics, EFK, Zabbix and so one
- I have experience with KMS, Nitro Enclaves, Kata Containers and other security tech
- I have 2 open source projects with more than 1k stars

Experience

Lead DevOps Engineer ~ Adapt Framework Solutions ~ Dec 2023 - May 2024 (6 months)

I plan, create and manage our infrastructure and environment for developers, as well as advise CTO and dev team on distributed environments, proper architecture and interaction with cloud services. Also I help CEO with marketing and management of external freelancers as well as our accounts like aws, discord, jira and other services.

Tech stack: Github CI, Terraform, Docker, AWS (EC2, EKS, Nitro, KMS, S3)

(I switched to part-time work due to financial difficulties at my startup)

Senior DevOps Engineer ~ Opsfleet ~ Dec 2023 - Mar 2024 (4 months)

Migrating services to the AWS from on-premise infrastructure

Tech stack: AWS, Terraform, Gitlab CI, Ansible

(One-time project for an outstaffing company)

Lead DevOps Engineer ~ Adapt Framework Solutions ~ May 2022 - Dec 2023 (1 year 8 months)

I plan, create and manage our infrastructure and environment for developers, as well as advise CTO and dev team on distributed environments, proper architecture and interaction with cloud services. Also I help CEO with marketing and management of external freelancers as well as our accounts like aws, discord, jira and other services.

Tech stack: Github CI, Terraform, Docker, AWS (EC2, EKS, Nitro, KMS, S3)

DevOps and Consultant ~ Independent entrepreneur, Freelancer ~ Apr 2016 - May 2022 (6 years 2 months)

- Planning project architectures, environments, CI & CD pipelines, etc
- Setup of cloud environments, bare metal servers, operating systems
- Improvement of develop and deployment cycles
- Consulting for developers teams
- Implementation of local test environments with docker and docker-compose
- Configuration and automation of services like:
 - cloud and apps architecture
 - jenkins, gitlab CI\CD
 - automation with ansible and saltstack
 - various monitoring systems like zabbix, telegraf, etc
 - elasticsearch + logstash + kibana + beats
 - various web servers topologies
 - mysql replication with auto failover
 - mongodb cluster with shards
 - redis replication with auto failover
 - load balancing with dns and haproxy

and many more ;)

Lead DevOps Engineer ~ ARTOX ~ Feb 2018 - May 2021 (3 years 4 months)

Lead DevOps engineer for a team of 2 devops and 20 developers with ~20 services and ~500 servers across 4 countries. My main responsibilities was planning architecture, improving security, setup of monitoring and other ops services, deployment automation and finally migration services to docker containers from zero.

Tech stack:

- Gitlab CI
 - Docker
 - Ansible
 - Zabbix & Victoriametrics & EFK
 - Rabbitmq
 - Mariadb Galera, Postgresql
 - Yandex cloud, Hetzner, AWS, various small hosters
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DevOps ~ Scholar Web Services Limited ~ May 2017 - Dec 2020 (3 years 8 months)

Development for environment

- Planning and implementing environments, continuous integration pipelines
- Improvement of develop and deployment cycles
- Implementation of various protection systems and application firewalls

Operation processes like

- incident management
- 12\7 duty clients support
- configuration and automation of servers and services

Environment:

- AWS cloud, VMware vSphere
- Saltstack
- AWS linux, Ubuntu, Centos
- Docker, Kubernetes
- Jenkins CI, Gitlab CI
- Mysql, MongoDB, Kafka, ZooKeeper, Clickhouse, Redis, Elasticsearch and so one
- Various web servers, programming languages + environments, databases, etc
- English meetings, communications, docs

(full-time and part-time basis)

DevOps ~ Lumiserv ~ May 2016 - Apr 2017 (1 year)

Development for environment

- Planning and implementing environments, continuous integration pipelines
- Improvement of develop and deployment cycles
- Implementation of various protection systems and application firewalls

Operation processes like

- incident management
- 12\7 duty clients support
- configuration and automation of servers and services

Environment:

- AWS cloud
 - Saltstack
 - Jenkins
 - AWS linux, Ubuntu, Centos
 - Various web servers, programming languages + environments, databases, etc
 - English meetings, communications, docs
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Software Engineer ~ Exadel ~ Nov 2015 - Feb 2016 (4 months)

To facilitate operations I develop automation with Ansible: scale infrastructure with Amazon EC2 and Docker, deploy MongoDB cluster with replication and sharding, setup monitoring with ElastAlert and other stuff. Also I do not forget about testing and CI: we use a bundle of Vagrant and Jenkins.

Environment:

- AWS cloud
 - Ansible
 - Docker, Vagrant
 - AWS linux
 - Russian and English meetings, communications, docs
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Software Engineer ~ Wargaming ~ Jul 2012 - Oct 2015 (3 years 4 months)

Project: Online games

- World of Tanks

- World of Warships
- World of Tanks Blitz
- World of Tanks Xbox
- World of Warplanes

Deployment: I take an active part in the monthly releases of our projects. Day, night, weekends... In addition, I create and maintain our local environment for QA with continuous integration and autobuilds.

Operations: I'm part of our 24/7/365 support as L2 duty.

Integration in current environment: I'm a responsible for the World of Tanks Xbox project from the very start. I helped the Chicago studio with the development and integration of this project, designed the implementation and maintenance scheme from scratch. I also took it upon myself to participate in the integration of other projects.

Development for our environment: A large and complex project requires a special attitude. As part of the team I participate in the development and implementation of new standards and services to support our projects: scripts for deployment and environment with fabric, ansible and puppet; improvement for monitoring with zabbix and sensu; collecting metrics; tests - it's only a small part of work.

Documentation: Writing documentation and To-Do's is part of my daily work. Also I implement autogeneration for api documentation with pdoc, mkdocs and readthedocs.

Communication and Evangelism: I'm a presenter and speaker at Minsk Python Meetup as well as at the internal meetups of our company.

Environment:

- high load: thousands of bare metal servers and over a hundred thousand log messages and events per second
- multiple programming languages and technologies: python, ruby, c++, erlang
- multiple os: centos, ubuntu, windows
- multiple datacenters: RU, EU, US, ASIA, CN
- multiple developer studios: Minsk, Kiev, St. Peterburg, Chicago
- multiple languages: Russian and English meetings, communications, docs

Education

Belarusian State University ~ Minks, Belarus

Faculty of Radiophysics and Computer Technologies ~ 2009 - 2013

- Programming languages and technologies: c, c++, java, matlab
- Development directions: embedded systems, networks, system programming, engineering, science
- Science directions: higher mathematics, general and theoretical physics, information and computer sciences

Notes

- I'm living in Warsaw, Poland (UTC+1/2 timezone). You can work with me B2B through incubator (middleware company) or UoD/UoZ/UoP in Poland, and also through my individual entrepreneurship (IE) in Georgia (I don't have JDG in Poland yet).