

# Filipp Frizzy ~ Lead AWS DevOps Engineer

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Warsaw, Poland

Links:

- [linkedin](#)
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- [github.com/Friz-zy](https://github.com/Friz-zy)
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## Skills

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- 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, Elasticsearch, Kafka, ZooKeeper, Clickhouse, Redis and so one
- I did a lot of monitoring solutions with Prometheus & Victoriametrics, ELK & 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

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**Lead DevOps Engineer ~ Adapt Framework Solutions ~ May 2022 - May 2024 (2 years 1 month)**

ADAPT framework is a developer environment for building secure data meshes.

I plan, create from zero 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)

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**DevOps and Consultant ~ Independent entrepreneur, Freelancer ~ May 2021 - May 2022 (1 year)**

- 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

(I was forced to move to another country and at that time did not have the energy to work full time)

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**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
- 12x7 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 on
- Various web servers, programming languages + environments, databases, etc
- English meetings, communications, docs

(full-time and part-time basis)

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**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
- 12x7 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: large-scale online games with millions of players, which has won four Golden Joystick Awards

- 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

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**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

## Languages

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- English B2
- Russian Native

## Notes

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- 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).
- I donate part of my salary to support the ukrainian and belarusian victims of f\*\*\*ing dictators. [#StandWithBelarus](#) [#StandWithUkraine](#)

## Work Examples

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- Test assignment for devops
  - <https://github.com/Friz-zy/devops-test>
- Terraform
  - <https://github.com/tldr-devops/aws-eks-terraform>
  - <https://github.com/tldr-devops/infrastructure-example>
- Docker
  - <https://github.com/tldr-devops/startpack>
  - <https://github.com/tldr-devops/k0s-in-docker>
- Ansible
  - <https://github.com/Friz-zy/ansible-roles>
- Nginx
  - <https://github.com/tldr-devops/nginx-common-configuration>