

# Alexandr Ivanov

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## Summary

I'm a DevOps and Linux, Unix system engineer. In my work experience below you'll find over 7 years of Unix and Linux system administration including network administration and DevOps. Last years I'm working as DevOps and provide this culture to companies. Part of being a DevOps required many things of me such as: teamwork, technical writing, project planning and problem-solving. Also, a big part of my time is learning new technologies on a regular basis. When working on a new project, I like to speak with the client, so that I can have a clear understanding of his/her needs and vision of the project.

## Expectations from work

- Ability to use at least 50% of the skills already available
- Opportunity to actively build on the experience that falls well in the summary
- Adequate work/life — balance
- Opportunity for initiative and interesting tasks
- Long term projects

## Languages

English — upper intermediate

Russian — fluent

Ukrainian — native

## **Experience**

### **Dec 2019 - Present. Senior DevOps at Geozilla**

**Used Technologies:** AWS (EKS, EC2, Route53, CloudFront, RDS, DocumentDB, ElastiCache, VPC), Terraform, MongoDB, MariaDB, RabbitMQ, Kubernetes, Docker, Helm 3.0, Jenkins, EFK stack, Grafana, Prometheus, Vault, jmeter, Redline13.

#### **Achievements:**

- Infrastructure as code (Terraform, CloudFormation)
- Vault secrets management in Kubernetes
- Security practices
- Infrastructure load testing
- PHP services on kubernetes clusters
- Isolated kubernetes cluster in VPC

### **May 2019 - Dec 2019. Sr. DevOps at NymCard**

**Used Technologies:** Kubernetes(GCP, Bare Metal), EFK stack, MongoDB, PostgreSQL, Bitbucket (git, CI), Memcached, Kafka, Prometheus, Docker.

#### **Achievements:**

- Settings Kubernetes clusters from scratch for banking
- Settings Kubernetes clusters without internet
- Custom alerting tool for Prometheus (Proxy to Google Chat)
- Deployment java services on kubernetes clusters

## **May 2018 - Feb 2019. DevOps at TecSynt Solutions / NYNJA**

**Used Technologies:** Kubernetes, Docker, Istio, EFK/ELK stack, GCP/GKE, AWS(SES, EC2, Mobile Device Farm, etc.), SauceLabs, Jira, Jenkins, Artifactory, LDAP, OpenVPN, Helm charts, Crashlytics, Github, Terraform.

### **Achievements:**

- Kubernetes infrastructure with CI/CD
- EFK/ELK stack for logging
- OpenVPN with LDAP for access to closed resources and user management
- Custom Crashlytics webhook with Jira integration
- A lot of custom Helm charts
- CI/CD with Jenkins
- Mobile testing farm (AWS MDF, SauceLabs)

## **Jun 2016 — May 2018. Linux system engineer and DevOps. Architechs**

High-load hosting company

**Used Technologies:** Nginx, Apache2, Varnish, OnApp, SaltStack, iptables, Docker, Kubernetes, Nagios, NewRelic, Python, Bash, Redmine, Gitlab.

### **Achievements:**

- Worked as problem solver
- Dockerization
- Written a lot of SaltStack rules
- Rewrote all Varnish code (from v.3 to v.4)
- Written a lot of custom checks for Nagios on Bash and Python

- Virtualization experience
- Configured OnApp cluster
- Configured Kubernetes cluster
- Served 300 VMs

**Mar 2016 — May 2018. Linux system engineer. Marketlis**

Small company with Linux servers

**Used Technologies:** Nginx, Apache2, Icinga, KVM, PostgreSQL, Postfix, Samba, OpenVPN, LUKS

**Achievements:**

- Fully automated systems
- Bot for Telegram that notify for alerts
- Fully configured firewall with failover
- Configured backups
- Configured crypto-volumes

**Mar 2015 — May 2016. Senior linux engineer. NASOA**

Business school

**Achievements:**

- Manager work
- Planned projects
- Planned shifts
- Have been tested new software

## **Feb 2015 — May 2015. Linux engineer. NASOA**

Business school

### **Achievements:**

- Setup a new HVs and VMs
- Bash and Python scripting
- Automating systems

## **Jan 2012 — Feb 2015. Junior linux system engineer. NASOA**

Business school

### **Achievements:**

- Have been setted linux systems for production
- Help fix troubles for linux engineers

### **Skills**

- Enjoy to be a mentor for beginners
- I constantly learning
- Have experience (testing, infrastructure, development, communication with customers, documentation, project management)
- I appreciate the reliability, sustainability and productivity of the software
- I like to solve problems that seems unsolvable