

Oleksandr Milushev

Operations Engineer

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Experience

Dec 2018 – **Senior DevOps Engineer**

Present **Pango (AnchorFree), Ukraine**

- Lead DevOps team
- Maintenance distributed Cloud and Bare Metal infrastructure
- Development and maintenance of Kubernetes clusters in different environment
- Design and implement VictoriaMetrics based long term tsdb storage
- Maintenance of Hashicorp Vault based secret management platform
- Maintenance of Hashicorp Consul based service discovery platform
- Maintenance of monitoring based on Prometheus+Grafana+Alertmanager+OpsGeany
- Maintenance of logs collecting platform based on ElasticSearch+Fluend/Fluent-bit+Kibana
- Develop and maintenance of event data processing pipeline based on Golang services and Kafka

Aug 2017 – **AWS DevOps Engineer**

Oct 2018 **DataRobot, Ukraine**

- Optimize Amazon AWS usage and cost efficiency
- Installation and maintenance of Hashicorp Vault
- Integration Hashicorp Vault into present Jenkins based CI/CD system
- Design and develop tools to deploy and manage Kubernetes clusters
- Installation and maintenance of Kubernetes cluster for development

Feb 2017 — **Infrastructure Engineer**

Jul 2017 **Ring Labs, Ukraine**

- Development of CI/CD process based on Jenkins Pipeline
- Automatization of building, deployment and provisioning processes using Terraform and Ansible
- Support and development Kubernetes cluster and infrastructure in Amazon AWS
- Development internal tools and services using Go programming language
- Maintenance of servers, based in general on Ubuntu Linux

July 2015 – **DevOps/Infrastructure Engineer**

Feb 2017 **Zoomdata, Ukraine**

- Development and implementation of CI/CD process based on Atlassian Bamboo
- Maintenance of servers, based in general on CentOS Linux
- Support and development of demo and development infrastructure in Amazon AWS
- Maintenance of various SQL, NoSQL data sources for development purpose
- Maintenance of Hortonworks HDP and Cloudera CDH clusters for development purpose
- Support and development of monitoring system based on Zabbix
- Development and implementation of SSO based on OpenLDAP and SAML infrastructure
- Automatization of building, deployment and provisioning processes using Ansible and Python
- Development and automatization, diagnostics and troubleshooting

January 2015 **System Administrator**

– June 2015 **Aratog LLC, Ukraine**

- Support and development of production/development infrastructure
- Maintenance of servers, based on Gentoo Linux
- Maintenance of virtualization systems based on LXC
- Support of applications based on such technologies stack, like Java and PHP.
- Support of databases based on MongoDB, MySQL, Postgres.
- Maintenance and development of configuration management system based on Ansible
- Maintenance and development of Jenkins CI
- Maintenance of third party software like Redmine, Gitlab, OpenLDAP, OpenVPN
- Development, monitoring, diagnostics and troubleshooting, backup

March 2013 – **System Administrator**

January 2015 **Ciklum, Ukraine**

- Support and development of production/development infrastructure
- Maintenance of servers, based on Linux (Ubuntu, CentOS, etc.)
- Maintenance of virtualization systems based on XEN, KVM, LXC
- Support of Atlassian products (Jira, Confluence, Crucible, FishEye, Bamboo)
- Support of databases based on MySQL, Postgres, MongoDB, Cassandra
- Support of application based on such technologies stack, like PHP (LAMP, php-fpm), Java (Tomcat, IBM WebSphere), Ruby, .Net, etc.
- Maintenance and development of configuration management system (Chef) and continuous integration tools (Jenkins, Bamboo, Go)
- Development, monitoring, diagnostics and troubleshooting, backup

March 2010 – **System Administrator**

March 2013 **CompanyName (can not disclose by NDA), Ukraine,**

- Support critical services and systems on a 24/7;
- Maintenance of servers based on FreeBSD and Linux;
- Monitoring, diagnostics and troubleshooting, backup, and security;
- Support of call-center based on Asterisk, FreeSWITCH;
- Providing network and system security;
- Network maintenance and support of network equipment.

Languages

Ukrainian **Native**

Russian **Native**

English **Intermediate**

Education

2012 – 2013 **Odessa State Polytechnic University,**
Masters's degree, Systems Engineering.

2003 – 2007 **Odessa State Polytechnic University,**
Bachelor's degree, Systems Engineering.

Skills

OS: Linux (CentOS, Gentoo, Ubuntu, etc.), FreeBSD

Virtualization: KVM, XEN, LXC, FreeBSD Jail, Docker

Language: Python, Shell, D, C

SQL: MySQL/MariaDB, Postgres, DB2

NoSQL: MongoDB, Redis, Memcached, Cassandra

BigData: Hortonworks HDP, Cloudera CDH, HDFS, Apache Drill, HBase, Phoenix, ZooKeeper

Search: Apache Solr, Sphinx, ElasticSearch

Stack: PHP (LAMP, php-fpm), Java (Tomcat, IBM WebSphere), Ruby (RoR)

Cloud: Amazon AWS, OpenStack, MS Azure
CI: Bamboo, Jenkins, GoCD
CMS: Chef, Puppet, Ansible
SCM: Git, SVN, GitLab, gitolite
Atlassian Jira, Confluence, Crusible, FishEye, Bamboo
Web: Apache HTTPd, Nginx, Lighthttpd
FTP: PureFTPd, vsftpd
Mail: Postfix, Dovecot, Exim, DKIM, SPF, spamassassin, clamav, amavisd, postgrey
DNS: Bind9, PoweDNS
VoIP: Asterisk, FreeSWITCH, SIP
LDAP: OpenLDAP, ldap auth, sssd
Monitoring: Zabbix, snmp
Firewall: Iptables, PF, IPFW
Networking: IPv4, IPv6, routing, VLAN, pptp, OpenVPN