

Sergey S.

Senior Senior DevOps/SysOps Engineer

SUMMARY

- 13 years of experience in IT as DevOps/SysOps
- Administering, monitoring, maintaining complex deployments, securing large scale infrastructures, building CI/CD pipelines, supporting networks, servers, dealing with high load workloads
- Setting up and managing Kubernetes clusters
- Upper-intermediate English
- Available ASAP

TECHNICAL SKILLS

Main Technical Skills	DevOps (13 yr.)
Programming Languages	C (5 yr.), C# (1 yr.), Lua (3 yr.), PHP (3 yr.), Python (2 yr.), Rust (1 yr.)
.NET Platform	Azure (3 yr.)
Databases & Management Systems / ORM	AWS ElasticSearch, MongoDB (3 yr.), MySQL (2 yr.), PostgreSQL (4 yr.), SQLite (3 yr.)
Cloud Platforms, Services & Computing	AWS (4 yr.), Azure (3 yr.), GCP (4 yr.)
Amazon Web Services	AWS ElasticSearch
Message/Queue/Task Brokers	Apache ActiveMQ
QA, Test Automation, Security	Apache Maven
Web/App Servers, Middleware	Apache Tomcat, Jetty, LAMP (7 yr.)
Collaboration, Task & Issue Tracking	Atlassian Confluence, Jira
Scripting and Command Line Interfaces	Bash, Perl (8 yr.), Shell Scripts (9 yr.)
Version Control	BitBucket, Git (7 yr.), GitLab, SVN (5 yr.)



Deployment, CI/CD & Administration	CI/CD, DevOps (13 yr.), SonarQube
Operating Systems	FreeBSD (6 yr.), Linux (8 yr.), Unix (8 yr.)
Mail / Network Protocols / Data transfer	Kerberos
Virtualization, Containers and Orchestration	Kubernetes, VmWare, XEN
Other Technical Skills	Cisco IOS (3 yr.), groovyscript, OpenWrt (3 yr.)

PROJECTS

Senior DevOps, TeeVid - video conferencing platform

2016 - now

Responsibilities:

- CI/CD: Jenkins setup and maintenance
- Databases: MongoDB
- Containerization: docker, docker-compose (organizing complex deployments as package of services with shell scripting)
- Setting up and managing Kubernetes clusters
- Monitoring: graylog, ackuaria, prometheus, grafana, homer
- Other: integrating nginx with lua for jwt token verification inside nginx config (with lua code and modules), sonarcube, implementing separate code checks to verify against CVE, Elasticsearch, SIP servers (drachtio, kamailio)

Senior DevOps, comcube - ERP system

2016 - now

Responsibilities:

- IDP systems setup: shibboleth, CA (integrating with AD and LDAP, implementing non password auth in browser inside AD), Kerberos.
- Mail: integrating all the modern checks (e.g. DKIM, SPF), integrating PostgreSQL with AD
- CI/CD: Jenkins setup and maintenance
- Virtualization: Xen (administration, patching the kernel to fix CVE issue (mealtdown), migrations between versions), VMware
- Containerization: docker, docker-compose, docker-swarm (usual administration, most of the images self-built)
- Setting up NewRelic
- Logging: graylog
- Databases: PostgreSQL (including optimization complex queries), MongoDB, MySQL
- Other: Apache syncope (sync users between AD and PostgreSQL with the help of groovyscript), Maven (building), Tomcat, jetty, Atlassian services (Jira, Bitbucket, Crowd, Confluence), Artifactory (administrating, migrating between versions), tuning JVM for tomcat jetty and applications, Sonarqube,
- ActiveMQ, shell, python, perl, groovyscript, elasticsearch



Senior DevOps, Sequencing - genome processing startup

2016 - now

Responsibilities:

- Administering network infrastructure of 20+ Ubuntu/CentOS nodes running various software (mostly Java). Setting monitoring, backup processes. LVM, soft RAID configuration. Setting up and management of glusterfs installations. Used technologies: Linux, FreeBSD, Perl, Bash scripting, LVM, soft RAID, glusterfs, networking
- Setting up CI/CD pipelines using GitLab

System administrator

2014 - 2016

Description: Administering server farm of hosting provider

Technologies: Linux, FreeBSD, Perl, Bash scripting, LAMP stack, networking

System administrator, developer

2009 - 2014

Description: Network administration, network engineering, security, integrating new technologies, programming, monitoring, surveillance integration and installation, participating in datacentre planning, construction, development

Technologies: Linux, FreeBSD, Perl, Bash scripting, PHP, ehll, Python, MySQL, networking, TCP/IP, Cisco IOS.

System administrator, developer, Freelance

Period: 2008 - 2009

Description: Various infrastructure support, monitoring, reporting, backup tasks

Technologies: Linux, FreeBSD, bash scripting, Perl, iptables/ipfw, Lua, PHP

System administrator, developer

Period: 2007 - 2008

Description: Developing special firmware from OpenWRT source

Technologies: OpenWRT, Linux, bash scripting, Perl

EDUCATION

General education

1996-2007

