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.)
PHP Frameworks	LAMP (7 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
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
	Kubernetes, VmWare, XEN

Virtualization, Containers and Orchestration	
Platforms	OpenWrt (3 yr.)
Other Technical Skills	Cisco IOS (3 yr.), groovyscript

PROJECTS

Senior DevOps, TeeVid – video conferencing platform

2016 - now
Responsibilities:

- CI/CD: Jenkins setup and maintenance
- Databases: MongoDB
- Containerization: docker, docker-compose (organizing compex 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.q. 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 ofglusterfs 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