Serhii S.
Senior Senior DevOps/SysOps Engineer

SUMMARY

- 15 years of practical experience in system administration - Expertise with focus on administering, monitoring, and maintaining complex deployments, securing large-scale infrastructures, building CI/CD pipelines, supporting networks, and servers, and dealing with high load workloads. - Upper-Intermediate English - Available ASAP

TECHNICAL SKILLS

Main Technical Skills	DevOps, GCP (4 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	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.)
QA, Test Automation, Security	Apache Maven, Reverse Engineering (3 yr.)
Web/App Servers, Middleware	Apache Tomcat, Jetty
Collaboration, Task & Issue Tracking	Atlassian Confluence, Crowd, Jira
Version Control	BitBucket, Git (7 yr.), SVN (5 yr.)
Deployment, CI/CD & Administration	DevOps
Operating Systems	FreeBSD (6 yr.), Linux (8 yr.), Unix (8 yr.)
Platforms	OpenWrt (3 yr.)
Scripting and Command Line Interfaces	Perl (8 yr.), Shell Scripts (9 yr.)
Mail / Network Protocols / Data transfer	TCP/IP (6 yr.)
Other Technical Skills	Active network equipment (6 yr.), Cisco IOS (3 yr.), Monitoring systems (8 yr.), Scripting (8 yr.)

EXPERIENCE

Senior DevOps

2016 - now

Project: CRM and ERP for medical laboratories

- CI/CD: Bitbucket pipelines setup and maintenance
- IaC: resource provisioning through Terraform
- Databases: PostgreSQL
- Cloud provider: AWS
- Containerization: Kubernetes (K8S)
- Cloud Services: RDS, S3, SQS, ELB
- Monitoring: Graylog, Zabbix

Project: Balcoo – large-scale analytical and monitoring platform for Norwegian power companies

- CI/CD: CircleCI setup and maintenance
- IaC: resource provisioning through Terraform
- Databases: PostgreSQL
- Cloud provider: GCP
- Cloud Services: GCP for PostgreSQL, LB, BigQuery, CDN
- Messaging: Mqtt (RabbitMQ)
- Containerization: docker, docker-compose
- Monitoring: Graylog, Zabbix

Project: TeeVid – video conferencing platform

- CI/CD: Jenkins setup and maintenance
- Databases: MongoDB
- Containerization: docker, docker-compose (organizing complex deployments as a package of services with shell scripting)
- Setting up and managing Kubernetes (K8S) 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, and SIP servers (drachtio, kamailio)

Project: comcube – ERP system

- IDP systems setup: shibboleth, CA (integrating with AD and LDAP, implementing non-password auth in the 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

Project: Sequencing – genome processing startup

- Administering network infrastructure of 20+ Ubuntu/CentOS nodes running various software (mostly Java). Setting monitoring, and 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

2008 - 2009

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

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

System administrator, developer

2007 - 2008

Description: Developing special firmware from the OpenWRT source

Technologies: OpenWRT, Linux, bash scripting, Perl

EDUCATION

General education

1996-2007