MAKSIM TITOV2 – SENIOR SYSTEMS ENGINEER

SUMMARY

10+ years experience in Linux system administration

5 years experience working in software development companies Experience

with major virtualization platforms: VMWare ESX/ESXi, KVM Experience with

AWS (more in-depth) and Azure (less)

Experience with HP servers and storage equipment (Blade systems, EVA storage) Experience

with MSSQL, PostreSQL including configuring HA clusters and replication

Experience with monitoring self-hosted systems Zabbix/Prometheus and SaaS monitoring systems:
NewRelic, Datadog.

I try to predict possible problems and failures, and prevent their appearance

Various books, webinars, blogs and other resources help me to keep up with IT current state and best
practices

Skills and Awards:

Big Data: Clustered: Elasticsearch;

Big Data: Data Visualisation: Grafana;

Big Data: Key-Value: InfluxDB, Redis;

Cloud & DevOps: AWS: Amazon EC2 Container Service, Amazon Elastic Block Store (EBS), Amazon Elastic Compute Cloud (EC2), Amazon Elastic Container Service for Kubernetes(EKS), Amazon Relational Database Service (RDS), Amazon Route 53, Amazon Simple Email Service (SES), Amazon Simple Storage Service (S3), Amazon Virtual Private Cloud (VPC);

Cloud & DevOps: Amazon Web Services (AWS), DevOps/Automation, Helm, Terraform;

Cloud & DevOps: Virtualization Tools: KVM, VMware ESXi;

Cloud & DevOps: Platform as a Service: OpenShift;

Integration: Message Bus: RabbitMQ;

Java: Application Servers and Middleware: Apache Tomcat;

Java: Building Tools: Maven;

Microsoft Technologies: RDBMS: MS SQL Server 2012;

Miscellaneous Software Engineering Tools and Methods: VoIP Technologies: Asterisk;

Miscellaneous Software Engineering Tools and Methods: Virtualization Tools: Docker, Kubernetes, OpenVZ, Oracle VirtualBox, QEMU, VMware vCenter Server, Vagrant;

Miscellaneous Software Engineering Tools and Methods: Operating Systems: FreeBSD, Linux, MS Windows;

Miscellaneous Software Engineering Tools and Methods: Application Support Tools: Prometheus, ZABBIX;

Network technologies and services: Proxy Servers: HAProxy;

Network technologies and services: IP only: OpenVPN;

Software Configuration Management: Ansible: Ansible;

Software Configuration Management: Version Control Systems: Git, GitHub, Gitlab, Subversion;

Software Configuration Management: Building Tools: Jenkins, TeamCity;

Software Construction: Internet Technologies: Apache HTTP Server, nginx;

Software Construction: Scripting Languages: Bash;

Software Construction: NoSQL: Cassandra;

Software Construction: SQL Databases: MySQL, PostgreSQL;

Software Construction: Python: Python;

Software Construction: Security Protocols and Standards: SSH;

Software Construction: Tools and Utilities: pip;

Software Engineering Management: Jira: JIRA.

WORK EXPERIENCE

Dec-2019 - Till now (Jul-2020) - DevOps, Luxoft, http://www.luxoft.com

Project Role: DevOps

Tasks performed:

Migration of bank systems from Solaris to Linux

Environment:

Oracle

Bitbucket, Teamcity

Bash, Perl, Control-M, Udeploy

Nov-2018 - Nov-2019 - DevOps, EPAM Systems, http://www.epam.com

Project Role: DevOps

Tasks performed:

Performed integration of Performance Board into EDP platform

Developed pipeline for building docker images on EDP

Wrote helm-charts for application deployment into EDP platform Create

build pipeline for terraform code review

Performed setting up DokuWiki and integration with Okta

Wrote terraform code for setting up AWS infrastructure. (S3, CodeBuild)

Participated in R&D of product solutions for Data Lake

Wrote ansible code for configuration management of deployed services

Environment:

PostgreSQL (RDS), Athena, DynamoDB

Terraform, AWS EKS, EDP, Helm

Kubernetes

AWS EC2, AWS CodeBuild, AWS Lambda, AWS S3

Mar-2018 - Nov-2018 - Softserve

Customer: The Firm (NDA)

Project: Platform (NDA)
 Cloud platform for client's customers to help them build and deploy their software into the cloud (AWS).

Team Size: DevOps team : 4

Project Role: DevOps

Tasks performed:

>Wrote Groovy pipelines to deploy and configure platform components into cloud Secured

>nginx setup to prevent breaches and data leaks on Jenkins (XSS)

Environment:

>ElasticSearch

>>bash scripting, Jenkins, Terraform, Prometheus, Grafana, Atlassian Bitbucket, Jenkins Job Builder, nginx

>AWS, Docker, Groovy

Apr-2017 - Mar-2018 - Luxoft

Customer: Geological services (NDA)

Project: Cloud-based solution for geological survey and analytics

Team Size: Dev team: 35
 QA team: 5
 DevOps team: 5

Project Role: DevOps

Tasks performed:

>Created CI/CD pipelines to build/deploy platform components into AWS

>>Performed research and evaluation of various tools in order to fit them into platform development process

Environment:

>PostgreSQL, Elasticsearch, Oracle DB

>>Bash scripting, Terraform, Jenkins, Zabbix, Teamcity, Artifactory, Mesos DC/OS AWS,

>>Docker

Apr-2015 - Apr-2017 – Ardas Group

Customer: eSputnik
 https://esputnik.com/

Project: email & sms marketing platform

Team Size: Dev team: 7
 QA team: 2
 DevOps team: 2

Project Role: DevOps

Tasks performed:

Created CI/CD pipelines with developers to decrease the time of automated tests and simplify deployment of new components on highloaded service

Configured PowerMTA intallations to reach high rates of email sending (maximum rate of 11 million emails per 25 minutes were reached)

Configured DKIM/DMARC, resolved issues with major email providers (mail.ru, yandex.ru, ukr.net)

Analysed and resolved system bottlenecks (IOPS, Database issues)

Environment:

MS SQL, PostgreSQL, Redis, Cassandra

Bash scripting, Jenkins, Zabbix, Saltstack, PowerMTA
AWS ECS, AWS RDS, AWS Route53, AWS Lambda

Jenkins, bash scripting, Terraform, Docker

Sep-2014 - Dec-2014 - Linux system administrator, Ciklum

Customer: BeKey

Project: Wireless locks

Team Size: Dev Team: 4 members,
 QA Team: 1 member

Project Role: Linux system administrator

Tasks performed:

Maintained servers infrastructure

Implemented server's monitoring (zabbix)

Wrote ansible playbooks to deploy and configure java applications

Environment:

MSSQL

Bash scripting, Ansible, Teamcity, nginx, Zabbix AWS