

# Roman K.

## Senior System Administration & DevOps

### SUMMARY

- 15+ years of experience in IT - Knowledge of System Administration of the hardware and software levels, networks, operating systems of different types of OSes - Windows family, Linux RPM/Debian based and \*BSD. - Knowledge and experience with Amazon Web Services (AWS). Specialties: Dev-Ops, System administration, networks administrating, application support, user support, development support, infrastructure support, release management, configuration management. - Upper-intermediate English. - Available ASAP

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	AWS, Kubernetes
<b>Programming Languages</b>	Java
<b>Databases &amp; Management Systems / ORM</b>	AWS ElasticSearch, Cassandra, ELK stack (Elasticsearch, Logstash, Kibana), MongoDB, PostgreSQL
<b>Cloud Platforms, Services &amp; Computing</b>	AWS, GCP
<b>Amazon Web Services</b>	AWS Cloudformation, AWS ElasticSearch
<b>Deployment, CI/CD &amp; Administration</b>	Ansible, Helm, Jenkins, kubespray
<b>Web/App Servers, Middleware</b>	Apache HTTP Server, Nginx
<b>Operating Systems</b>	Debian, Linux, Windows
<b>Virtualization, Containers and Orchestration</b>	Docker, Kubernetes, Terraform
<b>Version Control</b>	Git, GitHub, Github Actions
<b>Logging and Monitoring</b>	Grafana, Nagios, Prometheus
<b>Collaboration, Task &amp; Issue Tracking</b>	Jira
<b>Message/Queue/Task Brokers</b>	Kafka

## EXPERIENCE

### Lead DevOps Engineer, Anodot

November 2018 - Present

#### Responsibilities:

- develop an on-premise installation for the product;
- integrate monitoring for the on-premise product;
- setup and configure Kubernetes cluster with a product and dependencies considering on-premise policies;
- ci/cd with Jenkins;
- benchmarking analysis;
- work with RnD and DevOps teams by DevOps principles;

**Technologies:** AWS, GCP, DO, Terraform, Docker, etcd, Kubernetes, Kubespray, Helm, Prometheus, Grafana, ELK/EFK, Jenkins, Jira, Git, Github Actions, Java, kafka, Cassandra, elasticsearch, MongoDB.

### Product operations team leader, Playtech

January 2014 - October 2018

#### Responsibilities:

- Manage team of product operations and deployment engineers.

### Product Operation Engineer, Playtech

October 2012 - January 2014

#### Release and deployment procedures:

- Obtaining and configuring environments
- Configuring access to any kind of environments
- Continuous integration configuring
- Continuous delivery configuring
- Source code management system setup and administration Automation of project build procedures
- Configuring build tasks - manual builds, testing builds, release builds, nightly builds for reporting (with Sonar for example)
- Writing scripts to automate uncommon situations (Ex. Clear JMS Queues before and after deploying a new version of the application, through JMX from the shell) Delivery and deployment processes
- Make decisions by which protocol to deliver applications in different situations.
- Configure network accesses for different protocols
- Writing scripts to automate transferring of applications to different environments.

#### Products support:

- Do manual/automated checks after application deployment, for any kind of exceptions, errors, warnings etc.
- Issues solving produced by QA or 1st level reports Infrastructure tools and services maintenance
- Full emulation of production environment with many dependencies and services, like external JMS, DB, Quartz Scheduler, Fail-over, and many other things which are needed



for development and to successfully start application, prepare it for testing locally or for QA teams.

### **Development team support:**

- Test environments setup and configuring, like Linux boxes with configured Tomcat, or Weblogic for example.
- Preparing, setup, and configuring development environments
- Setup and configure monitoring systems, to be able to monitor and gather stats of any kind of instances (JMX, Databases, OS, and other services).

## **Configuration Manager, Luxoft August**

2011 - October 2012

### **Release and deployment procedures:**

- Setup and configure CI servers
- Configure build tasks
- Configure continuous delivery and deployment Automation to build project processes
- Configure automated build tasks
- Automate deployment to any kind of environment Product support and maintenance
- Application issues solving, like configurations, networking, etc. Infrastructure tools and services maintenance
- Setup and configure dependencies for the application
- Different kinds of development tools
- Additional services, like wiki, internal chats, internal documentation sharing  
Development team support
- Development environments setup and configure
- Networking configurations, requesting firewall accesses
- Local development issues solving.

## **Infrastructure Coordinator, Luxoft**

January 2014 - October 2018

### **Support local and remote development teams:**

- Creating appropriate requests for both sides to get connected to each other for development teams cross countries.
- Setup development environments
- Request firewall accesses
- Troubleshooting networking and local issues
- Setup, configure and resolving connectivity issues
- RSA Tokens requesting and configuring
- Networking issues solving
- Working directly with foreign support teams in many other countries.
- Collaborate on cross-networking tasks, for example when an application needs to get data from a database placed in New York and put it to DB in London. So it is needed to get connected with different firewall teams, DBAs, and Program managers and clarify all questions to get a successful way to flow data traffic.



## **IT Manager, Dessange International**

April 2010 - September 2010

Organization and support of IT infrastructure of the company and remote offices in Kiev, Ukraine

## **Specialist Support, IT&T Consulting**

October 2009 - June 2010

### **Responsibilities:**

- Night and day duty
- Monitoring of services and servers
- Creation of reports, establishment ticket on the issues identified
- Working with Nagios, Cacti, Jira

## **Specialist Support, Adamant September**

2009 - February 2010

Users support, identification and removal of telecommunication problems, network administration, LAN VLAN, xDSL, based on \*nix servers.

## **Game Designer, Vogster Entertainment**

June 2008 - March 2009

## **QA Tester, Vogster Entertainment**

September 2007 - June 2008

## **Administrator \ System Administrator, djuice-club**

September 2006 - September 2007

Public Computer Club, in which I served as Administrator \ System Administrator

## **EDUCATION**

**Kiivs'kij Slavisticnij Universitet**

2002 - 2007

## **CERTIFICATES**

- Kubernetes: Cloud Native Ecosystem
- Learning Kubernetes
- Lean Technology Strategy: Moving Fast With Defined Constraints
- Kubernetes: Microservices
- Learning the Elastic Stack

