



Oleksandr Kukhar

DEVOPS ENGINEER

DOYLESTOWN, PA

To seek a challenging position in a professional organization which will help me enrich technical skills and take up greater responsibilities. That will enable me to use my skills and abilities to make contribution to the company as well as to collaborate with teammates for achieving our common goals.

Work

Fasten, Inc

2016.01.01 – 2019.05.01

LEAD DEVOPS ENGINEER

Fasten is one of largest taxi services on the planet, most known for brands "RuTaxi", "Везёт", "Сатурн", "RedTaxi" and "Лидер". As being employed as a Lead DevOps engineer, the most of work was done in standardization of all the project parts to make test environments relevant to business workflow. Within my leadership following DevOps domain activities were applied:

- Composed CI/CD pipelines for more than 80 microservices
- Infrastructure was bound to IaC and was made immutable
- Built traceable environments with reporting system
- Knowledge sharing between developers team
- Implemented code review practices and automated code quality analysis
- Moreover, I managed to assist in architecting a ride-sharing platform, designated to replace the actually used one

fasten.com

SilverTreeSystems, Inc.

2013.01.01 – 2015.05.31

SENIOR OPERATIONS ENGINEER

The main part of job has consisted in designing infrastructure and providing integration between different software APIs and PaaS platforms, such as Salesforce, Heroku etc. As outsource specialist, took part in a development of few B2B services, such as

- Cloud-based virtual call center for SoVox company (10k+ employers worldwide)
- Subscription management system Avalon, widely used by IBM, Dell and Google
- Data analysis and report generation system

silvertreesystems.com

ProManage

2008.01.01 – current

FOUNDER

Remote admin services.

pro-manage.net

Adobe, Inc

2013.02.01 – 2014.01.31

DEVOPS ENGINEER

Participated in development of Adobe Creative Cloud, Adobe Marketing Cloud, Adobe Document Cloud services, that runs on Amazon AWS. Designed, prototyped and implemented such important platform parts as

- Live data encryption system
- Backup and restore system for clustered environment
- Sophisticated space management system
- Multiregional data migration system

Instruments: chief, bash, tcsh, mysql, perl, ruby, java, lvm, dmccrypt, aws, rhel

adobe.com

Joyent

2013.05.01 – 2014.04.31

DEVOPS ENGINEER

I participated in the development of Joyent SmartDataCenter platform. Our team was mostly involved in frontend, but I took part in development of following

- Docker support integration
- Windows images build system
- Linux images build system

Instruments: pxe, sh, bash, nodejs, mongodb, docker, windows aik, linux, smartos, solaris

joyent.com

DirtyFlix

2009.06.01 – 2016.03.31

UNIX ADMINISTRATOR

Adult videostreaming network.

- storage system
- transcode system
- http-streaming
- content delivery network

Instruments: perl, bash, mpeg, gstreamer, mysql, nginx

HQHost

2005.04.01 – 2012.05.31

SENIOR UNIX ADMINISTRATOR

Was a part of a team which provided 24/7/365 availability of services and customers solutions. Provided 3th tier support to LAMP stack shared hosting platform with 500+ physical nodes.

- Designing, planning, installation, configuration, administration and tuning of applications, database and web servers.
- Developing of monitoring and alerting systems.
- Developing of management, deployment system for KVM/Xen hypervisor with internal control panel.
- Developed dedicated server management panel <http://dedikit.net>
- Participate in migrations between Data Centers. Identified and implemented solutions to resolve pain points related to system performance, causes of break-ins, DDOS-attacks and server functionality.
- Worked closely with upstream providers, data center staff (tickets, abuse boards).
- Remote configuration of active L2/L3 equipment (Cisco 29xx/35xx).
- Assisted customers by email, icq, jabber and control panel tickets

hqhost.net

Opticom Networks

2004.05.01 – 2010.01.31

SENIOR UNIX ADMINISTRATOR

Designing, planning and implementing network infrastructure.

- Fiber networks hardware
- Configuration of L2/L3 devices Cisco/Telco/Dell/Nortel/3Com
- Public services administration: ftp, lamp, proxy

opticom.ua

Sinet Networks

2002.12.01 – 2010.09.31

UNIX ADMINISTRATOR

Designing, planning and implementing network infrastructure.

- Fiber networks hardware
- Configuration of L2/L3 devices Cisco/Telco/Dell/Nortel/3Com
- Public services administration: ftp, lamp, proxy

sinet.in.ua

Technology & Business

2002.12.01 – 2004.09.31

SUPPORT SPECIALIST

Provided customers support and performed software consultations.

tnb.com.ua

**The National Academy of
Environmental Protection and
Resort Development**

LABORATORY ASSISTANT

2000.08.01 – 2001.09.31

Provided technical support, performed software consultations, maintained laboratory's hardware.

napks.ru

Education

Tavrida National University
INFORMATION TECHNOLOGY MASTER

2000.09.01 – 2005.06.01

Skills

DevOps Patterns

- Immutable Infrastructure
- Infrastructure as a Code
- Infrastructure as a Service
- Continuous Integration
- Continuous Deployment
- Continuous Delivery

Operating systems

- Linux RHEL/CentOS
- Linux Debian/Ubuntu
- Linux Gentoo
- FreeBSD
- Solaris

Continuous Integration

- gitlab
- jenkins
- bitbucket pipelines
- drone
- semaphoreci

Load Balancers

- nginx
- haproxy
- fabio

Infrastructure Automation

- ansible
- terraform
- consul
- vault
- packer
- helm

Application Monitoring

- elasticsearch
- kibana
- logstash
- prometheus

Programming Languages

- perl
- php
- ruby
- lua
- golang

Containers

- docker
- lxc
- openvz
- jail
- kubernetes

Web Servers

- nginx
- apache

Scripting

- sh
- bash

Databases

- mysql
- postgresql
- cassandra
- influxdb

Java

- j2ee
- maven
- wildfly
- nexus
- jackrabbit

Virtualization

- xen
- kvm
- libvirt

Monitoring

- munin
- zabbix
- nagios
- monit

Software Development

- jira
- bitbucket
- github
- gitlab
- slack
- mattermost

Version Control

- git
- svn

Protocols

- http
- dns
- smtp
- ldap
- ssh
- snmp
- xmpp

Storage

- lvm
- iscsi
- drbd
- zfs
- hw controllers

Streaming

- kafka

Editors

- sed
- awk
- vi