



## Summary

Utilizing my 15+ years of experience as a CloudSecDevOps/NOC Engineer, I am highly skilled in Enterprise IT-infrastructure planning, maintenance, and optimization as well as setting up CI/CD-processes to support software development teams. I'm also proficient in configuring and maintaining deployments of cloud environments, integrating custom virtualized and containerized solutions.

## Expertise

Planning Cloud Infrastructure for AWS-, GCP- and MS Azure-based applications for service scalability and availability

Supporting Software development process within CI/CD, Quality assurance processes

Designing and implementing mobile applications for Android

Designing and maintaining RDBMS (PostgreSQL, MS SQL) and NoSQL (MongoDB) persistence layers

Securing Enterprise IT-infrastructure and software both

## Alex K.

Cloud/DevOps Engineer

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## Soft Skills:

Issues-solver, team player, self-motivated, multitasker, responsible.

## Technical Skills

### Clouds:

- Google Cloud Platform/App Engine/Compute Engine
- Amazon Web Services/EC2
- Microsoft Azure

### Programming Languages/Technologies:

- Design Patterns/UML
- Gradle/Maven
- Java/JDBC/RMI/JSP/Servlets
- Kotlin
- JavaScript/DHTML/HTML/CSS
- Bash
- Python
- C#/ASP.NET

### RDBMS:

- MSSQL Server
- MySQL
- Sybase SQL Server
- Firebird
- SQLite

### NoSQL

- MongoDB

### Methodologies:

- Test Driven Development
- SCRUM

### Operating Systems & Virtualization:

- Microsoft Windows Server 2003-2016 / MS Windows Workstation
- Debian/Ubuntu/CentOS Linux
- FreeBSD 8-12
- VMware ESXi 6.x

### Network protocols:

- TCP/IP, UDP
- SMTP/POP3/IMAP
- VLAN

### Frameworks:

- Android SDK/Android Design and Support Library
- RxJava/RxBinding/Realm/EventBus/Butterknife/Picasso/Fresco/Facebook API/Firebase API/Retrofit/Gson

### Application/Web Servers:

- Apache/Tomcat
- Nginx
- IIS
- LAMP/LEMP

### Development Tools:

- Eclipse/IntelliJ IDEA
- Android Studio
- Visual Studio 2019
- SVN/Git

### Cloud/Infrastructure Technologies:

- Kubernetes
- Docker/Docker Compose
- Terraform/Vagrant
- Puppet/Ansible
- Packer

### CI/CD tools

- Jenkins
- GitLab CI/CD
- MS Azure DevOps

### System/Network software:

- Postfix/Squid/Samba/Courier Mail
- DHCP/DNS/OpenVPN/PPTP/L2TP/IPSec/PPPoE/OSPF/BGP daemons
- AD/Exchange 2010-2013/Terminal Servers
- IPFW/IPTABLES/NAT

### Hardware:

- Network switches L2/L3

Routers: Mikrotik

## Professional Experience

### Cloud/DevOps Engineer, SoftEthica (September 2019 - Now)

- Supporting Clients within CI/CD pipelines based on GitLab CI server to deploy Java applications to Google Cloud Compute Engine.
- Planning the Google Cloud infrastructure, created Terraform IaaS definitions and Packer configurations for VMs.

### DevOps/Ops Engineer, NDA (September 2018 - Now)

**Education**

Dnipropetrovsk National State  
University of Railway Transport

1996-2002, Master of Computer  
Science

IT-Education Program, Yalantis (2017)

Development of Android application

IT Academy, SoftServe (2019-2020)

Flexible methodologies of developing  
automated configuration  
management systems

- Working with VMware ESXi servers. Installing & Configuring VMs (Windows/Linux), monitor existing VMs, developing architecture of new ESXi instances and infrastructure.

**Android developer**, RunUP (December 2016 – September 2019)

- As a part time developer in RunUP startup (<https://runup.club/>) develop from scratch application to help people stay motivated in their run activities. Application implements run activities as challenges with competition model and monetization scheme.

**Server administrator/Ops** (2016 to 2018)

- Provided setup and optimization of new servers/VPS, performance tuning of OS Linux and software (LEMP/LAMP) to handle up to 20Gbps traffic, setup Astra video server, wrote some shell scripts for administration, monitoring and transcoding video with ffmpeg

**IT-Infrastructure Ops**, Naftacity Oil&Gas, LTD (2008 - Now)

- Provide Windows/Linux FreeBSD servers administration, ongoing management, performance-tuning and Tier 2-3 support of approximately 15 servers (Linux/FreeBSD/Windows) and up to 100 desktop Windows systems including remote branch-offices
- LAN/WAN/VPN Network administration

**Helpdesk specialist/System Ops**, CHARM NOBLE LTD (2011 – 2015)

- Tier 1-2 Helpdesk/Support desk specialist. Took support requests from customers with ITSM, resolved requests or sent request to Tier 3 specialist
- Made on-shift everyday internal software checks and reports
- Debian/Ubuntu servers' deployment and maintenance
- Maintaining Nginx-based application servers

**NOC/SOC administrator/Ops**, Atlantis ISP (2007 - 2011)

- Provided support, installation and tuning of FreeBSD servers.
- Shell scripting
- Routing planning & configuration
- ISP Information Security duties

**Lead NOC/Ops**, Dnepropetrovsk National University of Railway Transport (2001 - 2007)

- Lead of five-member IT team at Dnepropetrovsk National University of Railway Transport
- Developed plan of university's Intranet
- Installed and configured new network hardware and servers.
- Performed Windows 2000/2003, FreeBSD, MSSQL server administration and Intranet support
- Provided MS IIS administration, Prometheus SDO administration, corporate website of the university administration.