

# Mikahel Lialin

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## Education

<b>Samara Aviation College</b>	Samara
Technician at Computer machines, operating systems and networks	2006
<b>Samara State Aerospace University Academician S.P. Korolev (National Research University) ~ Samara</b>	
Engineer at Engines Internal combustion	2011

## Courses

- C1 **Python for Everybody**  
University of Michigan  
link: <https://coursera.org/share/c9b47f0667f64cd59630a8058b84114f>
- C2 **Upgrade and Migrate to Oracle Database 12c Workshop**  
Oracle Moscow June 2015

## Experience

**Lead IT Engineer at Netcracker LLC, Samara** 12/2013 - 11/2023

- Supporting installations of Company's main products offsite and onsite.

Leading major projects till the release on production system as Lead IT Engineer. Supporting sales projects at business trips.

Worked for projects:

- Participated in agile team developed new release of NetCracker project. in 2015
- NEC - NTT Communications - Internal Development Project (Upgrade) in 2016
- T-Mobile USA - Wholesale Partner Management IT General in 2017
- Telefonica Uruguay - E-commerce/E-Care - IT General 2018 - 2019
- Netcracker Sales - Work for sales Engineering not related to particular customers, IT demo support 2020-2021
- Globe Telecom upgrade - IT General - 2020-2021
- Vodafone Hungary - 2021-2022
- Andorra Telecom migrate to cloud - 2023

**System Administrator at Ltd. "Tex", Samara** December 2007 — December 2013

- Assigning IDs and passwords, planning for software procurement, drafting instructions for the software.
- Modernization of networking equipment.- Preparation operator stations (system deployment from preconfigured images using open source network service [fog] - pxe boot via predefined dhcp configuration).
- Organization of controlled internet access for end users. [ squid proxy with kerberos authentication, realtime clamav threat scanning via c-icap ].
- participated in the development of a large web portal for domestic media company. Performed installation and configuration of web server setup for this project. [freebsd server with zpool/zfs and jails for faster backup/restore].
- windows server administration;
- Squid + icap antivirus scanning \ ntlm \ kerberos authentication;
- Internal Mail servder exim \ dovecot with sasl authentication;
- Ossec-hids ids implementation on workstations;
- managing certification authority with openssl;
- Network Administration / data flow analysis. (tcpdump \ wireshark);

- Installation and configuration of software, installation of networks. Performing routine maintenance as duty. (backup production databases).
- Preparing servers for video surveillance. Configuring gateways for branch offices (ms isa, freebsd ipsec). Virtualizing development environments with vmware.

## **Skills**

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- Shell scripting (bash/zsh/fish/sh etc);
- Python programming;
- git;
- Unix Operating systems deployment & configuration.
- Unix system Performance configuration.
- Oracle database Administration;
- Oracle database RAC configuration.
- Oracle Database rman backup, restore.
- Oracle database Upgrade;
- Oracle database replication monitoring scripts.
- haproxy load balancer configuration (session persistence, ssl offload)
- apache httpd with Weblogic plugin for proxying requests.
- Postgresql database administration;
- Liferay deployment with oracle weblogic or apache tomcat.
- Tomcat ssl configuration.
- Oracle Weblogic ssl configuration.
- ansible playbooks creation;
- ci automation with Jenkins, openstack virtual machines and ansible inventory located on gitlab(shell / python code)
- sso authentication configuration for enterprise application NetCracker with oracle weblogic (kerberos, saml, ldap, x509, Jasig cas, keycloak oauth2)
- Red Hat Directory Server configuration.
- Apache directory server configuration.
- Enable Microsec eszigno3 framweork for document signing.

## **Languages: Russian(native), English (B2)**

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