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# Oleksandr Samoylyk

Graz, Austria

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## SUMMARY

- Excellent technical skills with strong knowledge of current and emerging technologies
- Advanced Unix and Unix-like systems engineering skills
- In-depth knowledge of and significant experience with computer networks
- Devops-minded



## EXPERIENCE

### KNAPP AG

*Graz, Austria*

IT Systems Engineer

May 2012 – Present

- High-availability solutions
- Unix and Unix-like operating systems
- Scripting
- Security and disaster recovery strategies
- Network topologies
- Databases
- Virtualization

### VOLIA

*Sumy, Ukraine*

System Administrator

December 2006 – April 2012

- Administration of servers (running mostly GNU/Linux and FreeBSD), server and network hardware, maintaining databases
- Network design
- ISP infrastructure support: core and distribution layers
- Network monitoring
- Security checks

## SKILLS

### Operating systems

Major GNU/Linux distributions (with a focus on Debian, Ubuntu, SLES, RHEL, CentOS), FreeBSD, OpenBSD, AIX

### Hardware

routers (Cisco ASR & ISR), switches (Cisco Nexus & Catalyst, Extreme Networks Summit), firewalls (Cisco ASA, Check Point) modems (DSL, ISDN), NICs, wireless LAN controllers and access points (Motorola WiNG), KVM switches, storage systems, RAID controllers, tape drives/libraries

### Server Platforms

IBM System x / System p, HP ProLiant, Dell PowerEdge, Supermicro Super-Server

### Networking

- Understanding of the OSI Model and TCP/IP stack including IPv6
- Knowledge of network hardware and packet forwarding architectures
- Experience with LAN/MAN/WAN and VPN (MPLS-, IPsec-based) networks, Ethernet and WLAN technologies, routing protocols (BGP, OSPF), redundancy, load balancing and high availability (HSRP, VRRP, GLBP), software and hard-

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ware-based firewalls, QoS policies, VoIP basics

- Awareness and implementation of security best practices
- IPv6 transition and dual-stacked network deployment experience

## Services

Web (Apache, nginx, lighttpd), mail (Exim, Postfix, qmail, Dovecot), FTP (ProFTPD, vsftpd, PureFTPd), DNS (BIND), DHCP, gateway (NAT, traffic shaping), proxy (Squid), directory (LDAP), AAA (FreeRADIUS), group communication (XMPP/Jabber, IRC, NNTP), VPN (IPsec-based, OpenVPN, PPTP, L2TP), TFTP, NTP, syslog, TLS/SSL, SNMP, IDS (Snort), IP PBX (Asterisk), clustering (Linux-HA), virtualization (KVM, Xen, VMware ESX), OS provisioning (AutoYaST, Kickstar), configuration management/orchestration (Puppet, Ansible), backup and restore (Storix, rear, RSYNC), revision control systems (CVS, SVN, Git), file sharing (NFS, SMB), software-defined/network-based storages (DRBD, Ceph, iSCSI, AoE), printing systems (CUPS)

## Databases

Oracle Database, PostgreSQL, MySQL, MongoDB

## Monitoring systems

Nagios, Zabbix, Cacti, Munin

## Programming/Scripting

Python, Perl, Bash, C, C++, Haskell

## CERTIFICATIONS

### Brainbench

- 2013 – Unix Administration (General) – 4.67 (Master) – scored higher than 98% of all previous test takers
- 2012 – Linux Administration (SuSE) – 4.36 (Master) – scored higher than 99% of all previous test takers

### SUSE

- 2015 – SUSE Certified Linux Administrator
- 2016 – SUSE Certified Linux Professional

## TRAINING

- 2009 – Cisco Networking Academy: CCNA Curriculum
- 2014 – Oracle Database 11g: Administration Workshop
- 2014 – Motorola WEL 2304: Deploy a WLAN Solutions
- 2015 – SUSE Linux Enterprise Server 12 Administration

## ADDITIONAL INFORMATION

### Languages

Ukrainian, Russian, English and German

### Driving license

Class B

### Hobbies

Photo (digital and lomography), travelling, Rubik's Cube, Postcrossing, ToyVoyagers, amateur theatre