
Alexander Samoylyk

Graz, Austria

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SUMMARY

- Excellent technical skills with a 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
- Adaptable DevOps mindset



EXPERIENCE

Senior Systems Engineer **KNAPP AG**, Graz, Austria

May 2012 – Present

Provider of automated warehouse solutions and warehouse logistics software

- High availability solutions
- Unix and Unix-like operating systems
- Automating server deployment
- Infrastructure as Code
- IT resilience planning
- Network planning and design
- Virtualization
- System hardening and security checks
- Databases

SKILLS

Operating Systems

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

Hardware

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

Server Platforms

HPE ProLiant, Dell PowerEdge, Lenovo System x, IBM System p

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 hardware-based firewalls, QoS policies, VoIP basics
- IPv6 transition and dual-stacked network deployment experience

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Services	Web (Apache HTTP Server, nginx, lighttpd), mail (Exim, Postfix, qmail, Dovecot), FTP (ProFTPd, vsftpd, PureFTPd), DNS (BIND), DHCP, proxy (Squid, Varnish, HAProxy), directory (LDAP), AAA (FreeRADIUS), group communication (XMPP, IRC, NNTP), VPN (IPsec-based, OpenVPN), TFTP, NTP, syslog, SNMP, IDS (Snort), IP PBX (Asterisk), clustering (Linux-HA), OS virtualization (KVM, Xen, VMware ESX, FreeBSD jail, LXC, Docker), OS provisioning (AutoYaST, Kickstart), configuration management/orchestration (Ansible, Terraform), backup and restore (Storix, rear), version control and continuous integration systems (CVS, SVN, Git, Jenkins), file sharing (NFS, SMB), software-defined/network-based storages (DRBD, Ceph), monitoring systems (Nagios, Zabbix, Telegraf-InfluxDB-Grafana), printing systems (CUPS), Apache Hadoop ecosystem (Apache Kafka, Apache Spark, Apache Kudu, Apache Impala)
Databases	Oracle Database, PostgreSQL, MySQL/MariaDB, MongoDB
Programming	Python, Perl, Bash, Go, 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

Oracle

- 2019 – Oracle Cloud Infrastructure Certified Architect Associate

TRAINING

- 2009 – Cisco Networking Academy: CCNA Curriculum
- 2014 – Oracle Database 11g: Administration Workshop
- 2014 – Motorola WEL 2304: Deploy WLAN Solutions
- 2015 – SUSE: Linux Enterprise Server 12 Administration
- 2018 – Cloudera Administrator Training for Apache Hadoop

ADDITIONAL INFORMATION

Languages	native: Ukrainian, Russian fluent: English, German
Hobbies	Photography, travelling, cycling, skiing, Rubik's Cube, postcrossing, toy voyagers, amateur theatre, ukulele