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# Alexander Samoylyk

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## SUMMARY

- Adaptable T-shaped mindset
- Excellent technical skills with a strong knowledge of current and emerging technologies
- Advanced Unix and Unix-like systems engineering skills
- In-depth expertise in and significant experience with computer networks



## PROFESSIONAL EXPERIENCE

### Technical Solutions Engineer

Mar 2021 – Present

**Google**, Munich, Germany

Internet-related services and products

- Driving digital transformation for Public Sector customers by solving complex technical challenges and ensuring seamless integration of Google Cloud solutions.

### Senior Systems Engineer

May 2012 – Feb 2021

**KNAPP AG**, Hart bei Graz, Austria

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 (RHEL, SLES, Debian, Ubuntu), FreeBSD, OpenBSD, AIX

### **Hardware**

Routers (Cisco ISR, ASR, NCS), switches (Cisco Nexus & Catalyst, Extreme Networks Summit, Aruba Networks, Juniper EX-Series), 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, Supermicro SuperServer

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<b>Networking</b>	<ul style="list-style-type: none"><li>• Understanding of the OSI Model and TCP/IP stack, including IPv6</li><li>• 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, and VoIP basics</li><li>• Knowledge of network hardware and packet forwarding architectures</li></ul>
<b>Services</b>	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 (Kafka, Spark, Kudu, Impala)
<b>Databases</b>	Oracle Database, PostgreSQL, MySQL/MariaDB, MongoDB
<b>Programming</b>	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