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Alexey Vekshin
Senior Infrastructure Engineer

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I am a Unix, Database and Network Engineer and Software Developer with over 25 years of experience. I have held various roles such as ERP developer, Oracle DBA, Unix and VMWare engineer, network designer, Data Centre architect, and Infrastructure Team Leader.

My main areas of expertise are Unix/Linux server and application administration, LANs, virtualisation with VMware, IaC and automation, monitoring, DBMS, scripting and software development. I am always eager to learn new technologies and languages, and to try things I have never done before.

SKILLS

Automation	Ansible · Terraform · GitHub Actions
Cloud	AWS · Yandex.Cloud · DigitalOcean · fly.io
Database	Oracle EE & XE · PL/SQL · AWR · OPatch · DataPump · ETL & sqlldr
Datacenter	HPE Primera · Brocade FC · Cisco Nexus · APC Symmetra & NetBotz
Enterprise	CommuniGate · Postfix · Samba + AD · Squid
Linux	RPM · packer · OVF · cloud-init · systemd · LVM · iptables
Monitoring	Prometheus · Grafana · Nagios · SmokePing
Networking	Cisco · Juniper · HP · Mikrotik · Ruckus · NetFlow · SNMP · BGP
OS	Linux · OpenBSD · MacOS · Windows
Programming	Go · Python · Ruby · shell · Perl
Security	FortiMail · KAV · IronPort · Cisco ASA · Radius · OpenSSL CA · VPNs
Servers	HPE Proliant · Dell PowerEdge
Services	LDAP · DNS · NTP · DHCP · TFTP · NFS · LPD · syslog · rsync
Technologies	Docker · Kafka · SQL DBs · Redis · REST · GRPC · Jaeger · GitLab

RECENT EXPERIENCE

Infrastructure Team Leader   2021 – 2022
Maxidom and Castorama LLC   *Saint Petersburg and Moscow, Russia*

- Led a team of 3 to 6 engineers during the Castorama merger, doubling the LAN size of our enterprise
- Took over the control of 15 stores on a tight schedule with minimal disruption (overnight migration)
- Re-used existing Cisco LAN and WLAN equipment, provisioned redundant WAN/VPN links to HQ
- Deployed servers (HPE Proliant, VMWare ESXi, SuSE Linux) and services (AD, file, mail) to the stores
- Migrated 600 mail and AD accounts from Office365, automated account provisioning and lifecycle

Data Centre Architect   2019 – 2021
Maxidom LLC   *Saint Petersburg, Russia*

- Sized and designed 2 similar VMware vSphere data centres to host Enterprise apps serving 3000 users
- Set up 20 servers (HPE ProLiant), storage (HPE Primera), SAN (Brocade) and LAN (Cisco), UPS (APC)
- Configured ESXi and vCenters with HA, provided LAN, backup, and monitoring services with Ansible
- Migrated AD, mail, Oracle and ERP from old DC, supervised data migration and seamless switchover

Senior Infrastructure Engineer   2015 – 2019
Maxidom LLC   *Saint Petersburg, Russia*

- Automated all aspects of LAN configuration and maintenance (switches, DHCP, DNS, AD) with Ansible
- Developed blueprints for branch LAN (Juniper), WLAN (Ruckus), servers (ESXi on Proliant) and services
- Deployed several Oracle DBs for OLTP/DSS and data replication, implemented ETL tasks and DB cloning
- Migrated corporate e-mail to CommuniGate server (1000 users) with FortiMail antispam relays
- Modernized monitoring with Prometheus metrics, Grafana dashboards, and PushOver notifications

EDUCATION

Master of Science in Microelectronics, *Saint Petersburg State Technical University*	1991 – 1997
Middle Go Software Develper, *ozon.ru & route256*	2023