Nikolay Bulanov

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Target Position: Senior System Administrator | Automation Engineer (open to relocation/remote)

Summary:

Experienced IT professional with over 12 years in Windows/Linux server administration, network design, DevOps and automation. Optimizing processes with Python/Bash scripts and software engineering, building monitoring systems.

Technical Skills:

- *OS & Infrastructure:* Windows Server (AD, GPO), Linux Server (RHEL, Ubuntu, Debian)
- *Virtualization & Containers:* VMware vSphere, Hyper-V, Docker
- *Automation & Software Engineering:* Ansible, n8n, Bash, PowerShell, Python, C#, VBA, Git/GitHub
- *Monitoring & Backup:* Zabbix, Prometheus, Grafana, Veeam Backup
- *Networking:* Cisco (L2/L3 switching), Fortinet & Check Point (Firewalls), VLANs DNS, DHCP, NAT, LACP, VPN
- *Databases:* MS SQL/T-SQL, Oracle PL/SQL

Languages: *English* — Upper Intermediate (B2) | *Hebrew* — Elementary(A2) | *Russian* — Native

Flextronics (electronics manufacturing), *North District, Israel*

Test Technician (Feb 2024 – present)

- Maintenance and troubleshooting functional test stations at Nvidia Switching Project (Mass Production Line) to prevent breakdowns and improve reliability.
- Installing and configuring Linux-based systems (PXE).
- Implementing scripts in Python and Bash for automation tasks reducing manual tasks by 30%.
- Identifying and diagnosing technical issues, analyzing system logs and error messages.

Tschudi Ship Management AS (offshore company), Pipe lay construction vessel, *Germany and Russia*

Senior IT Engineer (2020 - 2023)

- Led IT modernization on vessels for the "Nord Stream 2" project and future projects.
- Managed networks, server virtualization infrastructure, and all IT vessel equipment.
- Improved cybersecurity by setting up firewall policy and strong malware protection.
- Increased reliability by automating backups with Veeam and implemented monitoring system Zabbix.
- Implemented and maintained: ERP(TM Master), SCADA-base systems, AVEVA Historian, VSAT, CCTV.

GS Nanotech (microelectronics manufacturing), *Kaliningrad, Russia*

Senior MES Engineer (*2016 – 2020)

- Supported and maintained the MES system "cmNAVIGO" - for microelectronics manufacturing.
- Built custom software with C# to meet company needs.
- Created SQL reports and procedures, saving time for the team.
- Integrated systems and equipment to keep production running smoothly.

MRTS (offshore construction company), *Arkhangelsk, Russia*

Senior IT communication officer (2014 – 2016)

- Supervised a team of 3 engineers: planned tasks, enforced SLAs, and coordinated system upgrades
- Achieved 99.9% uptime for critical services (mail, file sharing, VoIP).
- Designed and deployed Cisco network topology (VLAN segmentation, trunking)
- Configured a 3-blade ESXi host cluster with shared storage for VDI.

Northern Sipping Company, *Arkhangelsk, Russia*

System Administrator (2011 – 2014)

- Managed AD and GPO, maintained IT infrastructure, users support (350+ users).
- Ensured the uninterrupted operation of servers and configured server systems.

Education and Certification: Higher (Master of Science)

Northern (Arctic) Federal University, Institute of Information Technology**, Software Engineer** (*2005 – 2011*)

Microsoft: **Querying Data with Transact-SQL (Exam 70-761),** 2019
Microsoft: **MTA Networking Fundamentals**, 2016
Microsoft: **MTA Windows Server Administration Fundamentals**, 2016