Denis Tolochko

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**Professional Profile**

**Infrastructure & Data Center Engineer** with 15+ years of hands-on experience across Linux systems, bare-metal deployments, and hybrid cloud operations. Began in 2012 managing 10+ Supermicro servers, scaling to two full cabinets with 30 Dell PowerEdge servers (11th–13th gen) including RAID, storage up to 19TB per server, and network integration with providers such as Quadranet, Cogent, and Zayo. Skilled in server lifecycle management — firmware updates, PERC/iDRAC configuration, hot-swap maintenance, and hardware health monitoring with perccli and Lifecycle Controller.

Delivered **end-to-end infrastructure projects**: from data center builds to **cloud migrations** (moved corporate infrastructure to AWS, coordinated verification, and worked directly with vendors to liquidate and securely destroy decommissioned drives). Experienced in **Python scripting, Ansible automation, and networking fundamentals** to improve workflows and reduce manual tasks. Known for process improvement, proactive triage, and delivering **15+ years of zero major downtime or damage**. Lifelong learner, continuously mastering automation, Linux, and modern DevOps tools.

**Technical Skills**

* **Data Center Operations:** Bare-metal deployments, Dell PowerEdge (11th–13th gen), Supermicro, RAID/PERC lifecycle, firmware/iDRAC, Lifecycle Controller, hot-swap drives, vendor coordination (Quadranet, Cogent, Zayo)
* **Operating Systems:** Linux (Ubuntu, Debian, CentOS), Windows Server, macOS
* **Automation & Scripting:** Python, Bash, PowerShell, Ansible (willingness to learn Go)
* **Networking Fundamentals:** DNS, routing, switching, VPN, firewalls (SonicWall, FortiNet), ISP/vendor cross-connects
* **Process Improvement & Triage:** Workflow automation, troubleshooting, and proactive issue resolution across hybrid environments
* **Virtualization & Containers:** VMware ESXi, Hyper-V, VirtualBox, Docker
* **Cloud & CI/CD:** AWS, Azure, Jenkins, GitHub Actions

**Professional Experience**

Moody’s Corporation, Culver City, CA 10/2024 – 07/2025

**Sr. Technical Support Analyst**

* Acted as **sole technical lead** during acquisition, coordinating all infrastructure, cloud, and security integration with Moody’s enterprise teams.
* Directed the **decommissioning of Praedicat’s legacy infrastructure**: bare-metal and virtual servers, accounts, and services, following corporate security standards.
* Partnered with Moody’s global IT teams to ensure **audit-ready compliance** and **zero downtime** during transition.
* Delivered full lifecycle asset retirement, including coordination with vendors for **secure drive liquidation and certification of destruction**.
* Enhanced enterprise transition processes with improved documentation, automation, and cross-team collaboration.

Praedicat, Inc, Culver City, CA 11/2018 – 10/2024

**Sr. Technical Support Analyst**

* Managed and maintained **two racks of Dell PowerEdge servers (11th–13th gen)** with RAID/PERC, firmware/iDRAC, and hot-swap lifecycle.
* Commissioned infrastructure growth from **10 Supermicro servers → 30 Dell servers**, scaling storage capacity up to **19TB per server**.
* Implemented **automation with Python and Ansible**, streamlining patching, monitoring, and provisioning across hybrid environments.
* Led the **migration of infrastructure to AWS**, coordinating vendor partnerships, executing verification, and ensuring smooth cutover.
* Worked directly with Quadranet, Cogent, and Zayo for **network connectivity, cross-connects, and resilience**.
* Collaborated with Engineering on SaaS environment patching and confluence/Jira administration.
* Maintained **15+ years of zero critical outages** across all infrastructure responsibilities.

T3Leads, Encino, CA 06/2017 – 06/2018

**IT Engineer**

* Expanded operations into the **data center**, scaling from 10 servers to **30 Dell PowerEdge servers (11th–13th gen)** across two racks.
* Performed **bare-metal deployments, RAID/PERC setup, firmware & iDRAC updates, and ongoing health monitoring** using perccli and vendor tools.
* Designed and implemented **network architecture** for corporate relocation, coordinating with ISPs (Quadranet, Cogent, Zayo), security vendors, and cross-connect providers.
* Automated infrastructure management with **Python, Bash, and PowerShell scripts**, cutting manual effort and increasing uptime.
* Conducted **security audits, disaster recovery testing, and lifecycle upgrades**, ensuring compliance and operational resilience.
* Delivered six years of **uninterrupted operations and zero major data loss**, supporting global business continuity.

T3Leads, Encino, CA 06/2012 – 06/2018

**Systems Administrator**

* Began infrastructure career in the **telecom room**, managing an initial fleet of **10 Supermicro servers** and core networking equipment.
* Built foundational practices in **server maintenance, OS administration (Linux & Windows), and network monitoring**.
* Gained hands-on experience with **hardware troubleshooting, RAID fundamentals, and connectivity management**.
* Supported global workforce with endpoint, network, and user management across Windows, Linux, and macOS.
* Collaborated with engineering teams on patching, releases, and troubleshooting in a high-demand production environment.

T3Leads, Encino, CA 10/2011 – 05/2012

**Software Engineer**

* Designed and developed front-end and back-end features for websites and web applications using HTML, CSS, JavaScript, and PHP in a fast-paced, global affiliate network.
* Built user-friendly interfaces and dynamic components to support financial services workflows and lead generation platforms across multiple international markets.
* Collaborated directly with executive stakeholders, delivering tailored solutions while operating independently with minimal oversight.
* Managed simultaneous development tasks across multiple projects, consistently meeting tight deadlines and maintaining code quality standards.
* Applied strong interpersonal and technical skills to navigate shifting priorities, ensuring product stability and usability under evolving business requirements.

**Education**

* **Tomsk State University, Russia (2006)** – Master’s in Civil Law (specialization in real estate and contracts).
* **Yurga Technical College of Engineering & IT, Russia (1999)** – Degree in Mechanical Engineering Technology, specializing in CNC programming.
* **QA Program, Silicon Valley, CA (2006)** – Training in QA Automation Engineering, with focus on test design and scripting.

### **Ongoing Technical Development (2012–Present)**

* Hands-on expertise developed over 15+ years working with **data centers, Linux systems, automation, and cloud** in roles leading up to **Hardware Deployment Engineer**:
* **Data Center Operations:** Bare-metal deployments, Supermicro & Dell PowerEdge servers (11th–13th gen), RAID/PERC configuration, firmware & iDRAC, Lifecycle Controller, hot-swap maintenance, vendor coordination (Quadranet, Cogent, Zayo).
* **Operating Systems:** Linux (Ubuntu, Debian, CentOS), Windows Server, macOS.
* **Automation & Scripting:** Python, Bash, PowerShell, Ansible (with exposure to Go).
* **Networking Fundamentals:** DNS, routing, VPN, firewalls (SonicWall, FortiNet), ISP/vendor cross-connects.
* **Cloud & CI/CD:** AWS, Azure, Terraform, Jenkins, GitHub Actions.
* **Virtualization & Containers:** VMware ESXi, Hyper-V, VirtualBox, Docker.
* **Programming & Development:** Python, PHP, exposure to C/C++, web stack (Nginx, Apache, Memcache).
* **Databases:** SQL Server, PostgreSQL, MySQL.
* **Source Control:** Git, SVN.

**Additional Technical Skills**

* **Data Center Operations:** Bare-metal deployments, Dell PowerEdge (11th–13th gen), Supermicro, RAID/PERC lifecycle, firmware/iDRAC, Lifecycle Controller, hot-swap drives, vendor coordination (Quadranet, Cogent, Zayo)
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