

Bohdan Kyianytsia

System Administrator

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Summary

System administrator with 5 years of hands-on experience supporting Linux/Windows infrastructure, networks, and cloud platforms. Skilled in building stable, well-documented systems under pressure — from office relocations to blackouts during wartime. Combine automation, reliability, and attention to detail. Technical background in engineering helps me think in systems, not fragments.

Core Skills

- Operating Systems: Ubuntu, Debian, CentOS, Windows Server, macOS
- Networking: MikroTik (MTCNA), Ubiquiti UniFi, VLANs, VPN, port forwarding, firewall configuration
- Infrastructure: Nginx, Apache, systemd, DNS, SSL, Cloudflare, Nextcloud
- Cloud & Self-Hosting: manual VPS deployments (Oracle Cloud, AWS, Google Cloud), static site architecture, backup automation strategies
- Scripting & Tools: Bash, UFW, crontab, basic automation routines
- Monitoring & Reliability: service uptime tracking, diagnostics and recovery
- Hardware: PC/workstation/server assembly, diagnostics, modular repairs, component level troubleshooting

Experience

System Administrator - Natus Vincere (Na'Vi), Kyiv, Ukraine

Sep 2020 - Present

- Supported and maintained IT infrastructure across multiple offices (~200 endpoints) in a high-demand esports environment
- Led full IT operations for office relocation: deployed internal LAN/Wi-Fi stack using MikroTik and UniFi systems
- Delivered daily L1-L2 support across systems, resolving hardware/network/software incidents under tight timeframes

- Configured and maintained cloud services (AWS, Cloudflare, Google Workspace)
- Integrated new hardware and software systems, managed equipment lifecycle from procurement to deployment

Key infrastructure projects

- Planned and delivered full IT support for 50+ internal bootcamps and 20+ live events - including temporary networking, systems prep, redundancy planning, and on-call response – all with near-zero tech downtime
- Implemented automated backup system for sensitive Windows Server data to SFTP storage (content under NDA)
- Reduced downtime to zero during power outages by integrating EcoFlow battery systems for critical IT infrastructure - ensuring continuity even during missile strikes and emergency blackouts
- Identified power fluctuation risks and initiated the installation of voltage stabilizers for non-UPS equipment
- Contributed to early-stage IT infrastructure planning for new office location
- Collaborated with contractors on indoor LED display system deployment (Novastar); learned control stack and took over post-install maintenance; automated remote control of display systems using Wake-on-LAN and Anydesk; configured content delivery and playback via SuperNova auto-launch

Hardware & Systems Insight

- Confident in component-level diagnostics, PC and workstation assembly, modular repair and maintenance
- Deep understanding of system stability, thermal considerations, and hardware-related bottlenecks
- Applied low-level hardware knowledge to design more reliable IT setups and predict failure points
- Comfortable troubleshooting hardware issues in real-time during production and live events

Technical Background - Engineering Foundations

Before transitioning fully into IT, I worked in civil infrastructure, focusing on inspections and reporting for bridges and special structures. During this period, I regularly produced formal technical documentation, drawings, and structured reports based on engineering assessments. This early experience helped develop my attention to detail, accuracy, and ability to maintain long-term project documentation - skills I now apply directly in IT environments.

Education

National Transport University, Kyiv

Master's Degree in Civil Engineering (2018-2019)

- Graduated with honors
- Specialized in structural systems and technical documentation

Bachelor's Degree in Construction Technology (2014-2018)

Certifications

- MTCNA – MikroTik Certified Network Associate
- Pre-MTCNA – MikroTik UA

Project: spetsura.com – Personal Self-Hosted Terminal-Style Website

- Designed and built a terminal-inspired personal website from scratch using plain HTML/CSS/JS
- Self-hosted on Oracle Cloud (Ubuntu VPS) with Nginx, secured via Cloudflare (DNS + SSL + firewall)
- Implemented scroll-triggered animations via IntersectionObserver, fully responsive layout
- Structured the entire project manually: versioning, cache busting, favicon optimization, minimal JS
- Added Decap CMS for dynamic content editing (Markdown + Git backend)
- Implemented automated CI/CD pipeline with GitHub Actions and a self-hosted runner (build, release rotation, atomic symlinks, nginx reload)
- Configured SEO essentials: sitemap.xml, robots.txt, Open Graph for social previews
- Set up automated backups with restic (20 rotating encrypted snapshots, off-site storage via SFTP)
- Page /notes documents the entire infrastructure and reasoning step-by-step (like a live README)