



MYKHAILO KYIKO

SYSADMIN, CYBERSECURITY SPECIALIST AND DEVOPS ENGINEER



PROFILE

I am an experienced IT specialist with 17 years in system administration, technical support, and IT infrastructure management. Throughout my career, I have worked in various industries, including healthcare and corporate environments, ensuring the stability and security of critical systems. I have extensive experience managing networks, maintaining medical and enterprise IT equipment, and leading technical teams. I thrive on solving complex problems, optimizing processes, and implementing modern technologies to improve efficiency. Adaptability, attention to detail, and a commitment to reliable IT solutions define my approach to work.

SKILLS

- Virtualization & Backup: VMWare ESXi, Microsoft Hyper-V, Veeam Backup and Recovery
- Monitoring & Management: Zabbix
- Operating Systems: Windows Server (Active Directory, DNS, Policies, RDP), Ubuntu Server
- Database Management: MySQL, MS SQL
- Helpdesk & Knowledge Management: Hesk Helpdesk, Knowledge Base Systems
- Networking: MikroTik Routers, AlliedTelesis Switches, Ubiquiti, Aruba Networks (HP Enterprise)
- Medical IT & Imaging Systems: DICOM, CT, MRI, X-ray, Ultrasound, Mammography
- IP Telephony: Local and call center integration via service provider, IP-PBX, Elastix, 3CX, Asterisk
- Security & Access Control: Video Surveillance, Access Control Systems (ACS)
- IT Infrastructure & System Administration: Mail and Web Hosting, Custom Workstations (ARMs), Fiscal Registers
- Technical Support & Team Management: Recruitment, Training, Conflict Resolution, Documentation Creation
- Security & Pentesting Expertise:
- Attack tactics, infrastructure penetration, hacker motivations & objectives
- Tools: Cobalt Strike, Metasploit, RidgetBot, Impacket, Mimikatz, ADRecon, PowerSploit, ntdsdumpex, BloodHound
- Advanced techniques: Pass-the-Hash, Golden/Silver Ticket, CVE PoC development

CONTACT

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LANGUAGES

Ukrainian: fluent
Russian: fluent
English: intermediate (B1)
German: upper intermediate (B2+)

WORK EXPERIENCE

SYSTEM ADMINISTRATOR, IT-FACHINFORMATIKER

IIstitut für Arbeitsforschung (IfADo), Dortmund | 11.2024 - XXXX

Responsibilities:

Maintained secure IT infrastructure (Windows/Linux), implemented RBAC, firewall rules, and network segmentation. Deployed ELK stack with Filebeat on 20+ hosts, managed logging (journal, syslog), monitoring (Zabbix), backups, and basic DR. Administered macmon NAC for network access control. Automated tasks with PowerShell/Bash (e.g., file renaming with symlinks and monitoring). Supported AD, DNS/DHCP, and provided 1st-2nd line support for users and systems incl. medical, POS, and surveillance. Built internal tools (Flask + SQLite) for operational workflows.

SYSTEM ADMINISTRATOR, IT-MANAGER

Taurt Medical, Kherson | 09.2020 - 06.2021

Responsibilities:

- Managing the IT department of the clinic network.
- Designing and developing the IT infrastructure for the clinic, including planning and implementing LVM, as well as negotiating contracts for equipment procurement and delivery.
- Implementing modern technologies and enhancing the clinical IT structure.
- Monitoring and maintaining medical devices (CT, MRI, mammography, X-ray, ultrasound), preventing emergency situations, overseeing operations, and collaborating with suppliers and service providers.
- Ensuring the uninterrupted operation of the entire IT infrastructure.

SUPPORT TEAMLEADER

NDA | 01.2017 - 02.2022 rr.

Responsibilities:

- Leading a team of 5 technical support engineers and 2 field service technicians.
- Recruiting and training new employees.
- Resolving conflict situations with customers.
- Standardizing and centralizing work tools for the team, identifying cost-saving opportunities.
- Communicating with users and their managers, as well as with engineers in my team, to ensure mutual understanding among all parties.
- Creating instructions for engineers and users.
- Supporting and maintaining Microsoft Windows Server systems.
- Supporting and maintaining networks based on MikroTik.
- Supporting and maintaining hypervisors based on VMWare ESXi and MS Hyper-V.
- Supporting and maintaining IP telephony systems.
- Supporting and maintaining video surveillance systems and access control systems (ACS).
- Supporting and maintaining cash registers and fiscal registers.
- Supporting and maintaining custom workstations (ARMs).
- Supporting and maintaining duplicating devices.
- Supporting and maintaining 1C software integrated with MS SQL.
- And more.

EDUCATION

KHERSON NATIONAL TECHNICAL UNIVERSITY

Cybernetics, Computer Engineering, Kherson 2010-2014 |
Bachelor

EPAM DEVOPS ACADEMY

EPAM external DevOps course fall 2021

My Website: <https://kiykomi.github.io>