

Andrii Kh.

Senior System Engineer

SUMMARY

• 13 years managing IT infrastructures across Windows and Linux environments. • Automation (Ansible, Terraform), Cloud administration (Azure, AWS, GCP), and security hardening with OPNsense, PfSense, and Sophos. • SaaS administration and automation (Microsoft 365, Entra ID/Azure AD, SharePoint, Power Automate), including Identity and access management services with SSO. • Ability to design and maintain scalable systems, implement SIEM solutions, and optimize performance while reducing operational costs.

TECHNICAL SKILLS

Main Technical Skills	Terraform, Linux, PowerShell, Monitoring systems
AI & Machine Learning	CNN
Security	ClamAV, Fail2Ban, FirewallD, GPO (Group Policy Object), NGFW (Next-Gen Firewall), OPNsense, Rkhunter, Sentinel, Sentinel (Microsoft Sentinel), SIEM, Sophos, Suricata
Data Analysis and Visualization Technologies	Kibana
Databases & Management Systems / ORM	AWS ElasticSearch, MS SQL Server Management Studio
Cloud Platforms, Services & Computing	AWS, Azure, DigitalOcean, GCP, Veeam
Amazon Web Services	AWS API Gateway, AWS ElasticSearch
Azure Cloud Services	Azure VM, Entra ID, Hyper-V
Deployment, CI/CD & Administration	Active Directory, Ansible, Helm
Web/App Servers, Middleware	Apache HTTP Server, Nginx, Windows Server
Third Party Tools / IDEs / SDK / Services	asterisk PBX, Office 365
SDK / API and Integrations	AWS API Gateway, Keycloak
Scripting and Command Line Interfaces	Bash, PowerShell
Operating Systems	Debian, Linux, RHEL (Red Hat Enterprise Linux), Windows

Virtualization, Containers and Orchestration	Docker, ESXi, IPsec VPN, Kubernetes, Podman, Proxmox, Terraform, VmWare, VMware vSphere, vSphere
Mail / Network Protocols / Data transfer	EIGRP, Firewalls, Guacamole, IPsec VPN, PfSense, RDP, VLAN, VPN, Zimbra
Logging and Monitoring	Grafana, Logstash, Prometheus, Zabbix
File Systems, Storage	NAS (Network-attached storage)
Hosting, Control Panels	OVH
Platforms	Power Automate, SharePoint
QA, Test Automation, Security	SSO
Other Technical Skills	Elastic Stack, IDS/IPS

WORK EXPERIENCE

System Administrator, Ameria AG (Touchfree Interactive Experiences)

Duration: Jan 2023 - Sep 2025

Summary: Administration and automation of enterprise IT infrastructure across Windows and Linux environments with a strong focus on cloud, security, and monitoring systems.

Key Responsibilities:

- Maintained Microsoft 365, Azure, Entra ID, Sentinel, SharePoint, and Power Automate environments;
- Managed on-premises Windows Server infrastructure (2022–2025), including GPO, user management, backup, and security;
- Deployed and maintained Linux servers (RHEL, Debian) using Ansible and Terraform on AWS and GCP;
- Designed and integrated ELK Stack (Elasticsearch, Kibana) with Grafana and Prometheus for SIEM monitoring;
- Built and managed firewalls using OPNsense, Sophos, and PfSense;
- Implemented a secure SSO-based remote access gateway.

Key Achievements:

- Reduced operational costs by approximately \$600 by implementing in-house NGFW and SIEM solutions.
- Achieved full automation for Linux environments with Ansible and Terraform;
- Developed a secure web-based remote gateway, improving remote access efficiency.

Technologies: Microsoft 365, Azure, Entra ID, Sentinel, SharePoint, Power Automate, Windows Server 2022–2025, Active Directory, GPO, RHEL, Debian, Ansible, Terraform, AWS, GCP, Elasticsearch, Kibana, Grafana, Prometheus, OPNsense, Sophos, PfSense, SSO.

Support System Administrator, Eiktel (Network architecture, design, implementation, 24/7 monitoring and support, VoIP business class solutions)

Duration: Aug 2021 - Aug 2022



Summary: Provided IT infrastructure support, server administration, virtualization, backup, and telephony system management.

Key Responsibilities:

- Provided IT support and troubleshooting for Windows Server environments (2012–2021);
- Configured and maintained Active Directory, GPO, RDP;
- Implemented Veeam Backup for centralized data protection;
- Managed virtual infrastructure using Hyper-V, ESXi, and OVH Cloud;
- Administered Asterisk PBX systems.

Key Achievements:

- Improved client communication and issue resolution under pressure;
- Gained advanced experience with Microsoft 365, Veeam, and cloud platforms (GCP, AWS).

Technologies: Windows Server 2012–2021, Active Directory, GPO, RDP, Veeam Backup, Hyper-V, ESXi, OVH Cloud, Asterisk PBX, Microsoft 365, AWS, GCP.

System Administrator, IT Consultant

Duration: Jan 2019 - 2024

Summary: Provided system administration and IT consulting services for multiple clients and educational institutions.

Key Responsibilities:

- Delivered IT consulting and system administration services for various clients;
- Deployed and configured firewalls (OPNsense, PfSense);
- Configured Debian-based mail servers;
- Managed virtualization environments;
- Provided mentorship to junior administrators on automation and cloud infrastructure best practices.

Technologies: OPNsense, PfSense, Debian, virtualization platforms, automation and cloud infrastructure tools.

EDUCATION

- **Specialist in International Information**
Institute of International Relations
- **Network Security Administrator**
STEP Computer Academy
- **Bachelor in French Philology**
National University

CARTIFICATIONS

- Cyber Security: Understand Threats and Prevent Attacks
- Linux Network Administrator
- Microsoft Azure Administrator (AZ-104)
- Office 365 SharePoint for End Users



- Computer Networking - Digital Network Security

