

# 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

<b>Main Technical Skills</b>	Terraform, Linux, PowerShell, Monitoring systems
<b>.NET Platform</b>	Azure
<b>AI &amp; Machine Learning</b>	CNN
<b>Security</b>	ClamAV, Fail2Ban, FirewallD, GPO (Group Policy Object), NGFW (Next-Gen Firewall), OPNsense, RKHunter, Sentinel, Sentinel (Microsoft Sentinel), SIEM, Sophos, Suricata
<b>Data Analysis and Visualization Technologies</b>	Kibana
<b>Databases &amp; Management Systems / ORM</b>	AWS ElasticSearch, MS SQL Server Management Studio
<b>Cloud Platforms, Services &amp; Computing</b>	AWS, Azure, DigitalOcean, GCP, Veeam
<b>Amazon Web Services</b>	AWS API Gateway, AWS ElasticSearch
<b>Azure Cloud Services</b>	Azure VM, Entra ID, Hyper-V
<b>Deployment, CI/CD &amp; Administration</b>	Active Directory, Ansible, Helm
<b>Web/App Servers, Middleware</b>	Apache HTTP Server, Nginx, Windows Server

<b>Third Party Tools / IDEs / SDK / Services</b>	asterisk PBX, Office 365
<b>SDK / API and Integrations</b>	AWS API Gateway, Keycloak
<b>Scripting and Command Line Interfaces</b>	Bash, PowerShell
<b>Operating Systems</b>	Debian, Linux, RHEL (Red Hat Enterprise Linux), Windows
<b>Virtualization, Containers and Orchestration</b>	Docker, ESXi, IPsec VPN, Kubernetes, Podman, Proxmox, Terraform, VmWare, VMware vSphere, vSphere
<b>Mail / Network Protocols / Data transfer</b>	EIGRP, Firewalls, Guacamole, IPsec VPN, PfSense, RDP, VLAN, VPN, Zimbra
<b>Logging and Monitoring</b>	Grafana, Logstash, Prometheus, Zabbix
<b>File Systems, Storage</b>	NAS (Network-attached storage)
<b>Hosting, Control Panels</b>	OVH
<b>Platforms</b>	Power Automate, SharePoint
<b>QA, Test Automation, Security</b>	SSO
<b>Other Technical Skills</b>	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

## CERTIFICATIONS

- 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

