

Anıl KILIÇ
System & Network Engineer

Hatay, Turkey | cilik.lina@gmail.com | [LinkedIn Url](#) | [Website](#) | +90 535 439 9655

CAREER SUMMARY

A Systems and Network Engineer with over 4 years of experience in network infrastructure design, security, and optimization. I have a proven track record of success in end-to-end management and performance improvements of corporate networks, primarily within the Cisco ecosystem. I combine my technical expertise with team leadership and project management skills to increase operational efficiency. Going beyond traditional network engineering, I conduct research on container architectures (Docker) and artificial intelligence automations (n8n, LLM) in my lab environment and closely follow current technologies.

WORK EXPERIENCES

Turkish Armed Forces (39th Mechanized Infantry Brigade)

Information System Officer (Communication)

Hatay, Turkey

2022 –Present

- Installed, configured, and troubleshooted network systems, managed VPNs, firewalls, and DNS servers.
- Participated in LAN/WAN projects and optimized existing systems by configuring switches and routers.
- Managed regular backup processes.
- Supported daily maintenance of Windows and Linux server environments.
- Configured and monitored firewall logs, DMZ, and security policies to ensure network security.
- Handled user support and performance monitoring, applied patches and maintenance both remotely and onsite.
- Managed infrastructure: Domain Controllers, Active Directory, DNS, DHCP, Migrations, IIS (HTTP/S, FTP, SFTP).
- Collaborated with project teams to develop solution-oriented approaches and shared technical knowledge.
- Supported the integration of new technologies into operational environments.
- Planned and operated IT systems, communication center, telephone infrastructure, HF/VHF radios, and photography services for a brigade of 2,500 personnel during both peace and wartime.

Communications, Electronics and Information Systems School

Officer Trainer

Ankara , Turkey

2021 – 2022

- Learned jamming and deception techniques against enemy communications using electronic warfare systems.
- Gained knowledge in satellite communication system design, operation, and maintenance.
- Specialized in network security protocols and OS-level protection measures,
- Focused on cybersecurity defense and protection of information systems.

Technical Projects & R&D Labs

Self-Hosted & Automation Projects

- **Network Architecture:** I designed secure architectures by virtualizing complex enterprise network topologies at the CCNA level in an Eve-NG environment (Self-Hosted) with Fortigate (NGFW) integration.
- **Microservices Architecture:** Architected a private cloud on Virtual Machine using Docker Containers to host web applications and monitoring tools behind a reverse proxy.
- **Workflow Automation:** Engineered automated pipelines using n8n to streamline personal data flows and server notifications.
- **AI & Development:** Running Local LLMs for privacy-focused AI assistance and utilizing modern code editors (Cursor, VSCode, Antigravity) to accelerate web development workflows.
- **Network Optimization:** Configured AdGuard DNS for network-wide ad blocking and Cloudflare Tunnels to securely expose local services to the internet without port forwarding.

EDUCATION

National Defence University

B.Sc.in Electronic Engineering **GPA: 3.251 / 4.0**

Ankara, Turkey

2017 – 2021

SKILLS

Infrastructure & Virtualization:

- VMware vSphere/ESXi, vCenter, Hyper-V, Virtual Box, Windows Server 2019/2022.

Networking & Security:

- Fortinet Ecosystem (FortiGate, FortiMail), Greenbone (OpenVAS), IDS/IPS, RADIUS/802.1x, SSLVPN/IPsec, Cisco & H3C Switching.

System Administration:

- Active Directory, DNS, DHCP, WSUS, GPO, Exchange Server, SQL Server, IIS, ADFS, Linux Administration.

Backup & Disaster Recovery:

- Veeam Backup & Replication (Immutable Backups), Zerto, High Availability (HA) & DR Planning.

DevOps, Monitoring & Automation:

- Docker Containers, Kubernetes, n8n Automation, Grafana, Zabbix, Cloudflare Tunnels, Python, PowerShell, Bash Scripting.

REFERENCES

- Emre KILIÇ (Machine Engineer - ROKETSAN): 0554 612 1597
- Kadir SARIASLAN (Computer Engineer – Microsoft): 0531 995 1678
- Batuhan ALKOÇ (Computer Engineer – Petlas): 0543 517 8823