

Ferhat TURE

Senior Network & Security Engineer

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CAREER SUMMARY

Network and Security Engineer holding active CCNA, CCNP ENCOR, and Fortinet NSE4 certifications. Managed mission-critical network infrastructure serving 3,500 personnel within the Turkish Armed Forces. Experienced in Layer-2/Layer-3 and wireless network design, OSPF/BGP routing, and FortiGate-based network security — validated through real-world field operations. Currently preparing for CCNP ENARSI while expanding skills in network automation (Python) and container technologies (Docker/Kubernetes).

PROFESSIONAL EXPERIENCE

Turkish Armed Forces (Commando Brigade)

Ankara, Turkey

Communication Information Systems Officer (First Lieutenant)

August 2021 – Present (Finish: August 2026)

- **Network Management & System Continuity:** Managed IT, communications, and telephony infrastructure for a 3,500-personnel brigade across peacetime and wartime conditions — including field operations of HF/VHF radio systems, command center systems, and critical network assets — ensuring uninterrupted operations at all times.
- **Network Security & Access Control (NAC):** Designed and deployed network access control using IEEE 802.1x and Port Security on core and edge switches.
- **Field Operations & Integration:** Personally led field testing and integration of wired/wireless networks, HF/VHF radio systems, and communications/command center systems across peacetime and wartime scenarios — ensuring operational efficiency alongside my team in emergency situations.
- **Monitoring & Performance Optimization:** Deployed PRTG, Zabbix, and Grafana for real-time monitoring of network traffic and server health; identified performance bottlenecks and applied configuration improvements.
- **Physical Access Security:** Established physical access control procedures for server rooms and network infrastructure areas.
- **Wireless Network Analysis & Optimization:** Conducted WLAN fault analysis using spectrum analysis tools; resolved channel interference and signal attenuation issues by optimizing frequency planning and signal coverage.
- **Security Hardening:** Configured IPS, SSL-VPN, and WAF profiles on FortiGate to harden network security posture.

Technical Projects

Self-Hosted & Automation Projects

- **Greenfield Network Infrastructure Design & Integration:** Conducted requirements analysis based on operational needs for newly established office and base locations, designing wired/wireless network topology and system architecture from scratch. Planned future scalability and performed cost/performance trade-off analyses for hardware selection. Managed initial setup, configuration, and field validation of core and edge devices — delivering fully operational systems ready for use.
- **Eve-NG:** Virtualized complex enterprise network topologies at CCNA/CCNP level in a self-hosted home lab environment; designed secure architectures with FortiGate (NGFW) integration.
- **K8S / Docker:** Running a self-hosted cluster on local machines to deploy my own website, mail server, and application.

EDUCATION

National Defense University (Turkish Military Academy)

Ankara, Turkey

Bachelor of Science, Computer Engineering GPA: 3.6 / 4.0

September 2017 – August 2021

TECHNICAL SKILLS

Network Design & Protocols:

- TCP/IP, OSPF, BGP, IS-IS, RIP, EIGRP, VLAN, STP, IEEE 802.1x, DHCP, DNS, IP Planning (VLSM), MPLS, VXLAN, IEEE 802.3ad, QoS, HSRP, NAT, IPv6, PBR

Networking & Security:

- FortiGate (NSE4), Firewall Policies, ACL, IPS, WAF, URL Filtering, IPsec/SSL VPN, Network Hardening, IDS/IPS, RADIUS/802.1x, Cisco & Ruijie Switching, Wireless AP & Bridge, GRE Tunnel, DMVPN

System Administration:

- Active Directory, DNS, DHCP, WSUS, GPO, Exchange Server, Linux Administration

Backup & High Availability:

- Veeam Backup & Replication, High Availability (HA) & DR Planning, HSRP, VRRP, GLBP with IP SLA, SD-WAN

DevOps, Monitoring & Automation:

- Docker Containers, Kubernetes, Mailcow, Grafana, Zabbix, Cloudflare Tunnels, Python, PowerShell, Bash Scripting

Procurement:

- Technical requirements analysis, product positioning, technical specification reading and evaluation

CERTIFICATES AND TRAININGS

- Cisco Certified Specialist - Enterprise Core (CCNP Encor) - [23.02.2026 / [Credly URL](#)]
- Cisco Certified Network Associate (CCNA) – [09.12.2025 / [Credly URL](#)]
- Fortinet Network Security Expert 4 (NSE 4) – [17.12.2025 / [Credly URL](#)]
- Ruijie Certified Network Associate (RCNA) - [02.04.2025 / [Certificate No](#)]
- Ruijie Specialist Engineer for Enterprise (RSE) - [27.03.2025 / [Certificate No](#)]
- Network Automation with Python & Ansible – The training continues.

REFERENCES

- SINAN BALCI - Instructor, Director | sinanhoca@gmail.com | +90 532 250 8454 *Ultron Akademi*
- BATUHAN ALKOC - Infrastructure Security Engineer | info@batualkoc.com | +90 530 201 8823 *PETLAS*