

Burak Yigit

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PROFESSIONAL PROFILE

Experienced Network Security Engineer with a diverse background across service provider, aviation, and vendor environments. Adept at troubleshooting complex security issues, optimizing network performance, and managing multi-vendor security solutions, with a growing expertise in auditing and advanced cybersecurity practices. Proven ability to quickly diagnose and resolve issues, leveraging broad industry experience to ensure resilient IT infrastructures. Currently enhancing skills through an MS in ITACS, focusing on auditing methodologies and cybersecurity frameworks, with strong analytical and problem-solving skills to proactively mitigate risks and strengthen security posture.

EDUCATION

Temple University – Fox School of Business, Philadelphia, PA

Master of Science, [Expected] Aug 2026

Major: Information Technology Auditing and Cyber Security

Yildiz Technical University, Istanbul, Turkey

Bachelor of Engineering, June 2015

Major: Electronics and Communications Engineering

EXPERIENCE

Fortinet, Prague, Czech Republic

September 2024 – August 2025

Advanced Support Engineer

- Conduct in-depth technical analysis and troubleshooting for FortiGate, FortiManager, FortiAnalyzer, FortiProxy, Fortiswitch, FortiMail, Fortisandbox, and other Fortinet products.
- Replicate customer environments using lab setups to diagnose and resolve issues efficiently.
- Conduct weekly customer meetings to track issue progress and discuss new integrations/upgrades.

Fortinet, Prague, Czech Republic

March 2022 - September 2024

Senior Technical Support Engineer

- Specialized in FortiMail, FortiSandbox, FortiNDR, FortiDeceptor, FortiPhish, and FortiVoice troubleshooting.
- Created and maintained technical knowledge base (KB) articles for internal and external use.
- Provided escalation support for complex customer cases, ensuring timely resolution.

TAV, Istanbul, Turkey

August 2019 - March 2022

Network and Security Engineer

- Configured and managed network devices: Cisco, HP, and Extreme switches; FortiGate, CheckPoint, and Palo Alto firewalls.
- Secured network infrastructure using F5 Load Balancers, Web Application Firewalls, Fortimail, Symantec Messaging Gateway, Arbor DDoS.
- Deployed Cisco ISE for 802.1x authentication and access control.

- Developed high-level and low-level designs (HLD/LLD) for security implementations.

IBM, Istanbul, Turkey

December 2017 – August 2019

Network Security Engineer

- Configured and managed network devices: Cisco, Juniper, and HP Switches/Routers; FortiGate, CheckPoint, Cisco ASA firewalls.
- Optimized load balancers (A10, Citrix Netscaler) and utilized IBM QRadar for traffic monitoring.
- Configured and managed Forcepoint Web Security and Data Loss Prevention (DLP).
- Configured and managed SSL VPN deployments using CheckPoint and Pulse Secure SSL VPN to provide secure remote access.
- Designed and implemented AAA solutions with Cisco ISE and ACS.
- Developed high-level and low-level designs (HLD/LLD) for security implementations.

Koc Sistem, Istanbul, Turkey

September 2015 – December 2017

Network Security Specialist

- Configured and maintained firewall security solutions (Fortinet, Check Point, Juniper, Cisco ASA).
- Managed and troubleshoot multiple web security gateways including Websense Web Security Gateways, Cisco Ironport Web Security Appliance, and Websense Email Security Gateways.
- Configured and managed F5 and Citrix Load Balancers.
- Implemented NAC solutions via Cisco ISE and ForeScout CounterACT.
- Managed Cisco ACS server for AAA architecture using Tacacs+ and Radius.
- Managed FortiDDoS and Arbor Networks APS at the basic level for network security.
- Configured, managed, and troubleshoot SSL VPN deployments using CheckPoint and Pulse Secure SSL VPN.

Koc Sistem, Istanbul, Turkey

January 2015 – September 2015

Network Security Unit Supporter (Parttime)

- Configured and managed firewall security solutions (Fortinet, Check Point, Juniper SRX).
- Managed Securiskop, a vulnerability management system that utilizes industry-leading vulnerability scan engines, to identify and address potential security risks.

PROJECTS

VPN Cutoff Project

- Led the decentralization of international airport network management, implementing security solutions including CheckPoint Manager, Rapid7, IBM QRadar, and Symantec Mail Gateway, overseeing the entire process.
- Designed and implemented network segmentation strategies to enhance security and operational efficiency, ensuring seamless migration of security services with minimal downtime and user disruption.
- Improved security posture by enforcing role-based access control (RBAC) and logging mechanisms.

Emaar North Tower Hotel Project

- Designed and deployed a secure hotel network infrastructure with Cisco, Aruba, CheckPoint, and Forcepoint products for ICT/CCTV networks, managing the planning and execution.

- Conducted fiber/copper redundancy planning, security hardening, VLAN segmentation, and wireless access point configuration, followed by network monitoring tool setup to ensure seamless guest experiences.
- Developed HLD/LLD documents and performed active/passive wireless heatmap testing to optimize signal coverage and network stability.

Core Switch and Server Farm Switch Renewal Project

- Led the planning and execution of the core switch renewal project to enhance network stability and redundancy, overseeing the architectural redesign.
- Designed a new network architecture with LACP configurations, configured and tested redundancy mechanisms, and supervised the installation of four new server farm switches with VSF technology.
- Performed thorough pre-implementation testing and post-migration validation to ensure minimal disruption.

Hotspot Planning for Airports

- Designed and implemented a secure public Wi-Fi solution for airport terminals, consolidating multiple ADSL lines into a centrally managed network to improve efficiency.
- Deployed authentication mechanisms with a captive portal and routed all user traffic through a firewall, followed by security assessments and performance testing.
- Optimized bandwidth allocation and mitigated potential threats to enhance security and compliance.

DR Project for Product Operation

- Led the migration of live traffic for global e-commerce websites to a new Data Center, implementing comprehensive firewall and traffic policies to ensure zero downtime.
- Coordinated with multiple teams to design and execute a risk-free migration strategy, developing rollback plans and failover configurations.
- Monitored system performance post-migration and optimized network latency and availability.

Firewalls Migration Projects

- Managed the migration of firewall policies from CheckPoints to FortiGates, providing team training on FortiGate configurations and best practices.
- Conducted thorough pre- and post-migration testing to ensure a seamless transition with minimal downtime, overseeing the process.
- Migrated thousands of firewall rules, ensuring policy optimization and removal of redundant configurations.

CERTIFICATIONS

2024	Fortinet Certified Solution Specialist – Network Security
2023	Fortinet NSE7 Network Security Architect
2023	Fortinet NSE6 Network Security Expert (Passed Fortiweb, Fortimail, Fortisandbox, Forti AWS Cloud, FortiADC, FortiAuthenticator, FortiVoice)
2021	F5 Load Balancer 101 Application Delivery Fundamentals
2020	Palo Alto Network Certified Network Security Engineer (PCNSE)
2020	Cisco Certified Network Professional Routing and Switching (CCNP-RS)
2019	Cisco Certified Network Associate Routing and Switching (CCNA)