

ABDULLAH BADAWOD

Network & Infrastructure Engineer

Networking | Cloud | Security | Systems Administration

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PROFESSIONAL SUMMARY

Network & Infrastructure Engineer with hands-on experience supporting enterprise networks across client environments, security solutions, cloud services, and Windows-based environments. Experienced in FortiGate firewalls, Cisco networking, Microsoft Azure and Entra ID, Microsoft 365, Active Directory, and infrastructure troubleshooting. Promoted from Technical Support Intern to Network Engineer within three months. CCNA and Microsoft Certified: Azure Administrator Associate (AZ-104), with hands-on experience across enterprise networking, security, and cloud infrastructure.

ACHIEVEMENTS

- Promoted from Technical Support Intern to Network Engineer within 3 months
- Built a self-hosted enterprise-grade EVE-NG lab simulating production network/security environments
- Developed a Mini SOC platform analyzing 10,000+ real web server requests without a commercial SIEM

CORE COMPETENCIES

- **Infrastructure & Networking:** Routing & Switching (CCNA Level), VLAN Trunking, DHCP, DNS, OSPF, EIGRP, SD-WAN, TCP/IP, NAT, ACL, STP, VoIP (Yeastar), IP Camera Systems
- **Security:** FortiGate Firewall Administration (NGFW), IPS, IPsec VPN, SSL Inspection, Firewall Policies & Profiles, DMZ Design, Network Hardening
- **Cloud & Systems:** Microsoft Azure (AZ-104), Microsoft Entra ID (IAM, MFA), Microsoft 365, Windows Server 2019, Active Directory, Group Policy
- **Automation & Monitoring:** Python Automation, SIEM Concepts, Log-Based Alerting
- **IT Support:** End-User Technical Support, Network Troubleshooting & Documentation

TOOLS & ENVIRONMENT

FortiGate | Cisco IOS | Azure Portal | Entra ID | Windows Server | EVE-NG | Wireshark | PowerShell

EXPERIENCE

Network Engineer — Nitaq Network Company, Jeddah

May 2025 – Feb 2026

- Managed FortiGate firewalls and Windows Server/Active Directory environments across multiple client sites, implementing VPN policies and security profiles to strengthen network protection.
- Administered Microsoft 365 and Entra ID for client organizations, supporting identity and access management.
- Configured and supported VoIP systems (Yeastar P560) and IP camera infrastructure for business clients.
- Promoted from Technical Support Intern within three months based on demonstrated technical performance.

Technical Support Intern — Nitaq Network Company, Jeddah

Feb 2025 – May 2025

- Provided technical support across networking, Windows Server, and end-user infrastructure issues; assisted with client network deployments under senior engineer supervision.

TECHNICAL PROJECTS

Full write-ups, configurations, and screenshots available at abadawod.dev

- **Enterprise Home Lab Environment (EVE-NG)** — Self-built enterprise-grade lab covering Active Directory domain services, multi-site OSPF/EIGRP routing, FortiGate NGFW security (IPS, SSL Inspection, IPsec VPN, DMZ), SD-WAN multi-branch design, enterprise wireless security, and Wireshark-based fault diagnosis.
- **Mini SOC Platform** — Built a self-hosted security monitoring system (PHP/MySQL) that analyzed 10,000+ real web server requests, applying custom detection rules, IP reputation checks, and automated alerting without a commercial SIEM.
- **CyberKey** — Developed a hardware security key prototype (ATtiny85/Digispark) integrating Python automation, Bash scripting, and the FortiGate API.
- **Secure File Encryption Web App** — Full-stack web application with two-factor authentication (graduation project, Arab Open University).
- **IPv4 Subnet Calculator** — Web-based subnet calculator tool (PHP/MySQL backend), available at subnet.abadawod.dev.

EDUCATION

Bachelor's Degree, Network Security — Arab Open University — 2025

BSc (Hons) IT & Computing — The Open University, UK (validated at AOU)

CERTIFICATIONS & LANGUAGES

- Microsoft Certified: Azure Administrator Associate (AZ-104) — May 2026
- Cisco Certified Network Associate (CCNA) — July 2024
- Languages: Arabic (Native), English (Professional Working Proficiency)