

# ABDULLAH BADAWOD

## Network & Cloud Infrastructure Engineer

Networking | Cloud | Security | Systems Administration

Makkah, Saudi Arabia | Yemeni | 0552115216 | [abdullah@abadawod.dev](mailto:abdullah@abadawod.dev) | [linkedin.com/in/abdullah-badawod](https://linkedin.com/in/abdullah-badawod) | [abadawod.dev](https://abadawod.dev)

### PROFESSIONAL SUMMARY

Network and cloud engineer with hands-on experience supporting 5+ client environments across firewalls, Windows Server and Active Directory, Microsoft 365 and Entra ID, and Azure. Skilled in FortiGate (NGFW, SD-WAN, IPsec VPN), Cisco routing and switching, and hybrid management with Azure Arc and Microsoft Sentinel. Promoted from Technical Support Intern to Network Engineer within three months. CCNA and Microsoft Certified: Azure Administrator Associate (AZ-104).

### ACHIEVEMENTS

- ◆ Promoted from Technical Support Intern to Network Engineer within 3 months.
- ◆ Extended an on-prem Windows Server 2025 Domain Controller into Azure with Azure Arc, with live security events flowing into Microsoft Sentinel and queried with KQL.
- ◆ Built a Mini SOC platform that merges custom Apache log detection and Wazuh endpoint alerts into one timeline, with AbuseIPDB enrichment and Telegram alerts.

### CORE COMPETENCIES

**Networking:** Routing & Switching (CCNA), VLANs and Trunking, OSPF, EIGRP, SD-WAN, DHCP, DNS, NAT, ACLs, STP, VoIP (Yeastar), IP Cameras

**Security:** FortiGate NGFW, IPS, IPsec VPN, SSL Inspection, Firewall Policies & Profiles, DMZ Design, 802.1X / RADIUS (NPS), Network Hardening

**Cloud & Systems:** Microsoft Azure (AZ-104), Azure Arc, Microsoft Sentinel (KQL), NSG / VNet, Entra ID (IAM, MFA), Microsoft 365, Windows Server (2019, 2022, 2025), Active Directory, Group Policy

**Monitoring & Automation:** Wazuh SIEM, MITRE ATT&CK mapping, Log-Based Alerting, Python, PowerShell

**IT Support:** End-User Support, Remote Support (ScreenConnect), Troubleshooting & Documentation

### TOOLS

FortiGate | Cisco IOS / WLC | Azure Portal | Azure Arc | Microsoft Sentinel | Entra ID | Windows Server | EVE-NG | Wazuh | Wireshark | PowerShell | ScreenConnect

### EXPERIENCE

**Network Engineer** | Nitaq Network Company, Jeddah

May 2025 – Feb 2026

- ◆ Managed FortiGate firewalls and Windows Server / Active Directory environments across 5+ client environments, applying VPN policies and security profiles.
- ◆ 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.

**Technical Support Intern** | Nitaq Network Company, Jeddah

Feb 2025 – May 2025

- ◆ Supported networking, Windows Server and end-user issues, and assisted with client network deployments under senior engineer supervision.
- ◆ Resolved connectivity and system issues remotely through ScreenConnect.

### TECHNICAL PROJECTS

Full write-ups, configurations and screenshots at [abadawod.dev](https://abadawod.dev)

- ◆ **Hybrid Infrastructure: Azure Arc + Sentinel** — Windows Server 2025 DC onboarded to Azure Arc without migration, Security Events sent to Microsoft Sentinel (KQL), least-privilege NSG, private Blob backup target.
- ◆ **Mini SOC Platform (Wazuh Integration)** — PHP/MySQL platform combining custom Apache log detection (10,000+ real requests analyzed from live traffic) with Wazuh endpoint alerts in one table, enriched with AbuseIPDB and delivered through Telegram.
- ◆ **FortiGate Hardening & Audit Lab** — FortiOS 8.0.1: exploited a default setup, hardened it (least-privilege policy, MFA, VPN, SMB signing), then proved it with an automated check (5/5) and a Mini-SIEM.
- ◆ **Enterprise Labs (EVE-NG)** — FortiGate SD-WAN with EIGRP (FortiOS 7.6), multi-zone NGFW with IPsec VPN and DMZ (7.0), 802.1X wireless with NPS and Cisco WLC, OSPF with AD.
- ◆ **CyberKey** — Hardware security key prototype (ATTiny85 / Digispark) with Python, Bash and the FortiGate API.
- ◆ **File Encryption App** — Web application graduation project (Python) with AES-256 and RSA file encryption, PBKDF2HMAC key generation and two-factor authentication using an authenticator app (Arab Open University).
- ◆ **IPv4 Subnet Calculator** — Web tool with a PHP/MySQL backend at [subnet.abadawod.dev](https://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)