MOHAMAD ABULHASSAN

NETWORK ADMINISTRATOR & CYBERSECURITY SPECIALIST

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LinkedIn: **LinkedIn Profile** | Portfolio / Lab Files: **View Project Repository**

PROFESSIONAL SUMMARY

Performance-driven IT TS2 Graduate specializing in Enterprise Network Infrastructure, Security Hardening, and Systems Administration. Hands-on expertise in configuring multi-vendor routing/switching (Cisco, MikroTik), deploying perimeter security policies via FortiGate Firewalls, and executing active vulnerability assessments using Wireshark and Nmap. Currently completing advanced preparation for the Cisco CCNA (200-301) certification. Proven ability to optimize network uptime, mitigate threat vectors, and enforce security baselines in Entry-Level Cybersecurity Analyst, Network Administrator, or Systems Support roles.

TECHNICAL SKILLS & CORE COMPETENCIES

Networking & Routing:	Cisco IOS, MikroTik RouterOS, TCP/IP Suite, UDP, DHCP, DNS, NAT/PAT, VLANs, Inter-VLAN Routing, OSPF, STP, OSI Model
Perimeter & Security:	FortiGate Firewall Policies, Layer 4-7 ACLs, Port Security, Vulnerability Assessment, Incident Handling, Ethical Hacking Fundamentals
Systems & Admin:	Linux (Ubuntu/Debian, Kali Linux), Windows Server (Active Directory, GPO, DNS, DHCP), CLI Administration
Security & Analysis:	Wireshark (Packet Analysis), Nmap, Metasploit, Cisco Packet Tracer, PuTTY, Network Monitoring Tools
Scripting & Automation:	Python (Network Automation & Security Scripts), Bash Shell Scripting
Core Competencies:	Analytical Problem Solving, Technical Documentation, Threat Mitigation, System Auditing, Cross-Functional Collaboration

PRACTICAL EXPERIENCE & TECHNICAL PROJECTS

Enterprise Systems & Network Administration Infrastructure

Hands-On Systems & Security Engineering Architecture | 2024–Present

📂 Technical Documentation & Topology Files: **View Infrastructure Lab Repository**

- **Directory Services & Policy Enforcement:** Engineered a virtualized Windows Server Active Directory environment; deployed Domain Controllers, Organizational Units (OUs), and granular Group Policy Objects (GPOs) to enforce strict security baselines across 50+ simulated domain entities.
- **Perimeter Defense & Next-Gen Firewalling:** Configured virtual Fortinet FortiGate firewalls; crafted explicit security policies, SSL/TLS traffic inspection profiles, and dynamic NAT/PAT rules aligned with NSE 4 enterprise benchmarks.
- **Bandwidth & Traffic Management:** Deployed MikroTik RouterOS to implement Queue Trees for dynamic QoS bandwidth allocation, explicit firewall filter rules, and robust static/dynamic routing topologies.

Capstone Network Security Architecture Simulation

Cisco Packet Tracer Enterprise Implementation | 2023–2024

- **Enterprise Architecture & Routing:** Architected a multi-subnet topology utilizing VLANs for strict departmental isolation, Inter-VLAN routing (Router-on-a-Stick), and dynamic OSPF single-area routing for high-availability path redundancy.
- **Access Control & Segment Isolation:** Deployed Standard and Extended Access Control Lists (ACLs) to filter unauthorized Layer 4-7 traffic, securing internal server farm segments from external subnet breaches.
- **Layer-2 Defense & Switch Hardening:** Mitigated MAC Flooding, Spoofing, and DHCP Starvation attacks by configuring Port Security with sticky MAC addressing and violation restrictions across access switch fleets.
- **Vulnerability Management & Audit:** Executed active vulnerability scans using Nmap and Wireshark packet capture; patched exposed service ports and enforced SSH v2 credential hardening across all network hardware.

EDUCATION & CREDENTIALS

Associate Degree (TS2) in Information Technology
AlAfak Institute Beirut, Lebanon | 2024

Cisco Certified Network Associate (CCNA 200-301)
In Progress (Target: Q3 2026)

LANGUAGES

Arabic: Native / Mother Tongue | **English:** Professional Working Proficiency | **French:** Intermediate Proficiency