

MOHAMMAD ALMAAITAH

NETWORK ENGINEER | ENTERPRISE NETWORKING | COMMUNICATIONS ENGINEERING

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PROFESSIONAL SUMMARY

My background in Communications Engineering led me to focus on how enterprise networks are designed, connected, secured, and maintained in real environments. I have built practical experience through IoT monitoring projects, real-time data communication, and hands-on CCNA-level labs, which helped me understand the importance of reliable connectivity, structured troubleshooting, and clear network documentation.

I am focused on growing as a Network Engineer in enterprise infrastructure, where routing, switching, security, monitoring, and problem-solving all work together to support business operations. I bring a practical engineering mindset, attention to detail, and the ability to learn quickly, with a strong interest in supporting stable, secure, and well-organized network environments.

TECHNICAL SKILLS

Networking:

- Routing & Switching, LAN/WAN, IPv4 Subnetting, VLSM, VLANs, Trunking, Inter-VLAN Routing, STP, EtherChannel, NAT/PAT, ACLs.

Tools & Systems:

- Cisco Packet Tracer, Wireshark, PNetLab, Linux Basics, VMware, VirtualBox, Git/GitHub.

Network Security:

- Firewall Fundamentals, Access Control, Device Hardening, Secure Remote Access, Port Security, and DHCP Snooping Basics.

Automation & Monitoring:

- Python Scripting, Flask REST APIs, Firebase, MariaDB, MQTT/HTTP, Raspberry Pi, IoT Systems Integration.

KEY ACHIEVEMENTS

- 320-hour Networking Training Program at Estarta Solutions under DigiSkills.
- Cisco Packet Tracer network labs covering LAN/WAN design, VLANs, routing, ACLs, troubleshooting, and documentation.
- CCNA training modules: Introduction to Networks; Switching, Routing & Wireless Essentials
- Enterprise Networking, Security & Automation.
- IoT-based network monitoring and data logging systems using Raspberry Pi, Flask APIs, Firebase/MariaDB, and real-time communication.

EXPERIENCE

Networking Trainee - DigiSkills Program

Estarta Solutions

04/2026 - 07/2026 | Amman, Jordan

- Completed a 320-hour onsite networking training program focused on CCNA-level enterprise networking.
- Practiced routing, switching, VLANs, subnetting, wireless fundamentals, and network security through hands-on labs.
- Configured and troubleshooted network topologies using Cisco Packet Tracer and simulation-based scenarios.
- Applied troubleshooting methods to identify connectivity, routing, addressing, and access-control issues.
- Strengthened professional skills in documentation, teamwork, workplace communication, and technical problem solving.

IoT-Based Battery Monitoring & Networked Logging System – Project Lead

Battery-Monitor / Excel

10/2024 - 06/2025 | Amman, Jordan

- Built a Raspberry Pi-based monitoring system for collecting and displaying real-time battery voltage data.
- Developed Flask APIs and live dashboard features to support remote monitoring over LAN/cloud environments.
- Integrated Firebase/MariaDB for data logging, reporting, and historical analysis.
- Applied connectivity testing, troubleshooting, and secure data communication concepts.

IoT-Based Energy Monitoring System

PowerTPowerX

07/2025 - 08/2025 | Amman, Jordan

- Developed an IoT monitoring dashboard for power, battery, and energy system status.
- Integrated sensors to collect voltage, current, temperature, SoC, and system performance data.
- Used MQTT/HTTP concepts to support remote monitoring and device-to-cloud communication.
- Improved practical experience in IoT networking, monitoring, alerts, and infrastructure troubleshooting.

EDUCATION

Bachelor's Degree in Communications & Computer Engineering

Al-Zaytoonah University of Jordan

09/2022 - 07/2025 | Amman, Jordan

- Focused on computer networks, routing and switching, communication systems, embedded systems, IoT, and network security fundamentals.
- Completed academic and practical projects involving IoT systems, real-time monitoring, cloud connectivity, and networked applications.

Diploma in Computer and Networks Engineering

Balqa Applied University

09/2019 - 08/2021 | Amman, Jordan

- Specialized in network infrastructure, switching and routing, CCNA fundamentals, systems administration, and technical troubleshooting.

ADDITIONAL INFORMATION

Languages: Arabic Native, English Professional Working Proficiency.

Soft Skills: Troubleshooting, Problem Solving, Teamwork, Time Management, Technical Documentation, Attention to Detail, Fast Learning, Working Under Pressure, and Professional Communication.