Salma Hussein Taha

Network Engineer • Full-Stack Web Developer • Mobile App Developer

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📍 Location: Assiut, Egypt

PROFESSIONAL SUMMARY

Information Technology Undergraduate (3rd Year) with strong expertise in networking, cybersecurity, and full-stack development. Certified across all three Cisco CCNA levels and by the German-Arab Chamber of Industry and Commerce (AHK Egypt). Experienced in configuring secure Cisco networks and developing responsive Flutter and web applications. Holds 19 technical certifications and demonstrates strong communication skills in English (B2) and German (A1).

EDUCATION

Bachelor of Information Technology – 3rd Year   *Assiut International Technological University, Assiut*
Sep 2023 – Jun 2027

High School – Distinction (Ranked 3rd in Major)   *Assiut International Technological University, Assiut*
AHK IT Technician Certificate   *Sep 2020 – Jun 2023*

PROFESSIONAL EXPERIENCE

Bank System Network Design – *Cisco Packet Tracer, Network Protocols*
Built a secure, redundant bank network with VLANs, VPN, OSPF, HSRP, and ACLs achieving 99.9% uptime and 40% improved security.

University Website – *HTML, CSS, JavaScript, Dart, SQLite*
Developed a full-stack university portal with responsive front end and database-backed backend to enhance student accessibility.

Personal Portfolio Website – *HTML, CSS, JavaScript*
Created a responsive portfolio showcasing projects and skills; optimized performance with 30% faster load time.

Mobile Application (Graduation Project) – *Flutter, Dart*
Developed a 4-screen mobile app with smooth UI/UX as a high school capstone project; presented to faculty with top results.

Network Simulation Project – *Cisco Packet Tracer*
Configured RIP, OSPF, DHCP, ACL, VPN, and ZPF for a small-office lab network with stable, secure routing.

Cybersecurity Analysis – *Ethical Hacking, Vulnerability Scanning*
Performed vulnerability scans and proposed mitigations to enhance security posture in simulated environments.

UNO Game (Client–Server) – *C#, Windows Forms*
Built a multiplayer UNO game with TCP communication, game logic, and professional UI.

Arduino IoT Dashboard – *ESP8266, Sensors*
Created a real-time IoT system displaying temperature and humidity data on mobile dashboard.

TECHNICAL EXPERTISE

🖧 Networking & Infrastructure

VLANs · OSPF · HSRP · LACP/EtherChannel · TACACS+ (AAA) · ZPF · ACL · NAT · DHCP · VPN · Routing & Switching · Network Automation

</> Programming & Development

HTML · CSS · JavaScript · Dart · C++ · C# · Object-Oriented Programming · Full-Stack Development · REST APIs

⚙ Frameworks & Systems

Flutter · Web Architecture · Mobile UI/UX · Database Design · Front-End & Back-End Integration

Cybersecurity

Ethical Hacking · Penetration Testing · Vulnerability Scanning · Firewall Management · Threat Analysis · Network Hardening · AAA Security · Incident Response

⚒ Tools & Platforms

Cisco Packet Tracer · GNS3 · Linux · Git · GitHub · Visual Studio · VS Code · Arduino IDE · SQLite · MySQL

👥 Soft Skills

Analytical Thinking · Team Collaboration · Problem Solving · Time Management · Communication · Continuous Learning

LANGUAGES

🌐 Arabic (Native) | English (CEFR B2) | German (A1)

CERTIFICATIONS

● Information Technology Technician – *German-Arab Chamber (AHK Egypt)*	Nov 2023
● Arduino Level 1 & 2 – *ITIDA & IdeaSpace*	2023
● IoT Course – *ITIDA & IdeaSpace*	2023
● Certificate of Appreciation – *Afro-Asian Forum*	2023
● Learn HTML & CSS – *Information Technology Institute (ITI)*	Jul 2024
● Database Fundamentals – *Information Technology Institute (ITI)*	Sep 2024
● Introduction to Cybersecurity – *Cisco Networking Academy*	Jan 2025
● Network Technician Career Path – *Cisco Networking Academy*	Feb 2025
● Junior Cybersecurity Analyst – *Cisco Networking Academy*	Feb 2025
● Ethical Hacker – *Cisco Networking Academy*	Feb 2025
● Introduction to Internet of Things – *Cisco Networking Academy*	Feb 2025
● Introduction to Data Science – *Cisco Networking Academy*	Feb 2025
● English for IT 1 – *Cisco Networking Academy & OpenEDG*	Feb 2025
● English for IT 2 (CEFR B2) – *Cisco Networking Academy & OpenEDG*	Feb 2025
● CCNA: Introduction to Networks – *Cisco Networking Academy*	23 Aug 2025
● CCNA: Switching, Routing & Wireless Essentials – *Cisco Networking Academy*	9 Oct 2025
● CCNA: Enterprise Networking, Security & Automation – *Cisco Networking Academy*	30 Oct 2025
● Cisco Certified Network Professional (CCNP, In Progress) – *Cisco Networking Academy*	