

Adnan Ayad - Computer Engineer

Phone Number: +964 772 695 9992

Email Address: ayadadnan01@gmail.com

Summary

A computer engineering graduate from the Middle Technical University, I am highly motivated and experienced. I have extensive experience in IT support and systems administration, gained through technical support certifications from MK Institute. I am an expert in hardware and software troubleshooting.

Education

Bachelor of Computer Engineering Technology
Electrical Engineering Technical College, Middle Technical University, Iraq

- Graduated in 2024 with a degree in Computer Engineering Technology.
- Studied core subjects in programming, systems engineering, and hardware/software integration.
- Specialized in IT maintenance, technical support, and system troubleshooting.
- Gained hands-on training in networking, system recovery, and user experience enhancement.
- Intensive training, troubleshooting, and personal information management. Gain a solid foundation in networking protocols, routing, switching, and security concepts.

Technical Skills

- **Hardware Support:** Expert in diagnosing and repairing computer hardware components, including desktops, laptops, printers, and surveillance systems.
 - **Software Troubleshooting:** Skilled in installing, updating, and troubleshooting operating systems and common software applications (Windows, Office Suite, antivirus tools, etc.).
 - **Networking:** Proficient in setting up small-scale local area networks (LANs), including IP configuration, router setup, and file/printer sharing over the network.
 - **Surveillance Systems:** Experience in installing and configuring CCTV systems with DVR/NVR integration and remote monitoring.
 - **Peripheral Devices:** Adept at configuring and maintaining printers, scanners, and other peripherals, ensuring seamless connectivity and performance.
 - **Remote Support:** Familiar with remote assistance tools such as TeamViewer and AnyDesk for diagnosing and resolving issues efficiently.
 - **System Optimization:** Knowledge of system performance tuning, data backup solutions, malware removal, and basic cybersecurity practices.
 - **Microcontroller Applications:** Hands-on experience working with embedded systems in real-world automation projects using microcontrollers.
-

Professional Experience

Technical Support Specialist (Freelance / On-site Support)

- Provided comprehensive hardware and software support for desktop computers, laptops, and printers, ensuring smooth and uninterrupted functionality.
- Installed, configured, and maintained CCTV surveillance systems, handling camera setup, DVR/NVR configurations, and remote monitoring integration.
- Diagnosed and resolved system errors, driver issues, and performance lags, ensuring optimal user experience and system efficiency.
- Designed and implemented small-scale local area networks (LANs), including IP addressing, cable layout, router configuration, and network sharing.
- Performed printer and peripheral troubleshooting, including driver installation, network printer sharing, and routine maintenance.
- Supported software installation and updates (including Office, browsers, antivirus tools), and configured basic system utilities and security settings.
- Delivered remote and on-site support, building strong trust and satisfaction with clients through prompt problem resolution and clear communication.
- Applied best practices in data backup, system recovery, and malware protection to safeguard user data and ensure business continuity.

Previous work

- Zesco Automotive Group, worked as a technical engineer
-

Projects and Practical Experience

Smart Residential Complex Simulation using Microcontroller

Graduation Project – 2024

Designed and developed a simulated smart residential complex utilizing an advanced microcontroller-based system to manage and monitor various environmental and safety operations. The system integrates multiple sensors and automation techniques to improve quality of life and enhance safety:

- **Air Quality Monitoring:** Tracks levels of pollutants and gases to ensure a healthy indoor and outdoor environment.
- **Water Quality Monitoring:** Analyzes key indicators in water to detect contamination or changes in water conditions.
- **Automated Irrigation System:** Provides efficient watering for plants based on soil moisture levels, reducing waste and promoting sustainability.
- **Fire Detection System:** Uses flame and smoke sensors to provide early alerts in case of potential fire hazards.
- **Centralized Control:** All systems are connected and managed through a microcontroller for real-time data processing and automated decision-making.

This project highlights the application of smart technologies in modern infrastructure to promote eco-efficiency, safety, and convenience.

Additional Skills

- **Languages:** Fluent in Arabic and English
- **Team Collaboration:** Strong communicator and team player, adept at supporting diverse user needs in high-pressure environments