

# ABDULLAH MAHSUD

## ELECTRICAL ENGINEER(ELECT/96234)

House# 4, Spring Valley, Banigala, Islamabad  
03335696361 engrabdullahmsd@gmail.com  
www.linkedin.com/in/abdullah-mahsud

---

### Professional Summary

Results-driven engineer with extensive experience in designing, implementing, and securing advanced security solutions. Posses deep expertise in Milestone XProtect VMS, network management, and IP surveillance solutions. Demonstrated ability to design, implement, and secure complex systems, leveraging a deep understanding of video management systems and network infrastructure. Certified in a wide range of IT, network, and security domains, ensuring comprehensive technical support and solutions.

---

### Work Experience

#### Product Engineer

Jade Private Limited, Islamabad

Dec 2023 - present

- Lead the technical integration and Management of Milestone XProtect VMS for large-scale IP surveillance deployments, ensuring secure communication and enhancing system performance through encryption.
- Provide technical support in troubleshooting and remote desktop support for VMS and Access control systems.
- Install, configure, and commission Dell PowerEdge servers for IP surveillance.
- Centralize Zong's physical system, managing a vast network of cameras across Pakistan using Milestone XProtect VMS.

#### Post Sales Engineer

Makkays, Islamabad

Mar 2023 - Nov 2023

- Install and configure attendance and access control devices, including ZKTeco and Virdi systems, ensuring integration with relevant software and smooth operation for user access management.
- Provide Level 1 (L1) support and technical guidance for client network infrastructures and equipment.
- Implement centralized management by consolidating all attendance and access control devices from multiple sites to the client headquarter facilitating real-time monitoring and management across the network.

#### Trainee Engineer

Al-Meena Marine Engineering

Feb 2022 - Jan 2023

- Install and maintain electrical control systems, wiring, and lighting systems, ensuring all components function effectively and safely.
- Perform general electrical maintenance and troubleshooting to address and resolve any issues, ensuring optimal system performance and reliability.
- Conduct electrical system diagnostics and performance assessments, utilizing advanced tools and techniques to identify and mitigate potential issues before they impact system functionality.

#### System Support Engineer

Comstar, Islamabad

Dec 2021 - Feb 2022

- Deploy and manage advanced wireless solutions using Ruckus Wireless and Infinet devices.
  - Implement Infinet Wireless point-to-point devices for client, establishing reliable connection between remote locations and the main office.
  - Configure and mange Sophos security solutions, including firewall, antivirus, and content filtering policies, ensuring compliance with the security standards.
- 

### Education

#### Bachelor Of Science in Electrical Engineering

3.48/4 GPA

2017 - 2021

FAST-NUCES, Islamabad

#### FSC (Pre-Engineering)

A Grade

2015 - 2017

Punjab College Of Science, Islamabad

## Certifications

**Cisco Certified Cisco Support Technician (CCST): Networking Cert Prep 1**

**Cisco CCNA 200-301 Cert Prep 1: Network Fundamentals and Access**

**Cisco CCNP ENCOR v.1 350-401 Cert Prep 1: Architecture Virtualization and Infrastructure**

**Career Essentials in System Administration: Microsoft**

**Career Essentials in Cybersecurity: Microsoft**

**ServiceNow IT Leadership Professional Certificate**

**Microsoft SQL Server 2019 Essential Training**

**Penetration Testing Professional Certificate: Cybrary**

**Windows Server 2016: Configure Hyper-V**

**Milestone Server Communication Encryption**

---

## Core Competencies

### **Security Systems Integration & VMS Management:**

- Expertise in Milestone XProtect VMS, including encryption, architecture design, multi-streaming, and secure access management.
- Skilled in designing and deploying AWS-based video management solutions, ensuring scalability and robust security.
- Proficient in hardening VMS systems and managing secure communication protocols across diverse environments.

### **Network Engineering & IT Infrastructure:**

- Advanced knowledge in Cisco-based networking (CCNA, CCNP), virtualization, and infrastructure security.
- Strong capabilities in VPN configurations, remote access, and network troubleshooting for optimized performance.

### **IT Management & System Administration:**

- Extensive experience in managing Windows Server environments, Hyper-V, and Linux systems.
- Proficient in Docker containerization, SQL Server management, and Oracle Database security.

### **Technical Support & Troubleshooting:**

- Perform advanced diagnostics and troubleshooting on network and security systems using specialized tools and methodologies to identify root causes of complex issues and implement effective solutions.
- Conduct remote support sessions, leveraging remote management tools to diagnose and resolve technical problems related to hardware, software, and network components in real-time.
- Manage and apply firmware upgrades and patches to a range of network and security devices, ensuring systems are up-to-date with the latest features, security improvements, and performance enhancements.