

# Mustansar Nawaz

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## ● ABOUT MYSELF

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Senior IT & ELV Infrastructure Leader with experience in data center management, network design, AV deployment, and ELV operations, including commissioning and maintenance of ICT infrastructure. Skilled in project management, team leadership, client coordination, and vendor management, ensuring high availability and timely delivery of technical projects

## ● WORK EXPERIENCE

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11/09/2024 - CURRENT - RIYADH, SAUDI ARABIA

### SENIOR IT INFRASTRUCTURE & ELV SYSTEMS ENGINEER SEDER GROUP

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**Data Center & Network Infrastructure :** Configure, manage, and optimize data center networks, including Cisco switches, routers, Palo Alto firewalls, Avaya telephony, Aruba systems, and IPTV, along with structured cabling to ensure secure, high-performance operations

**Smart Meeting Rooms & AV Systems** Deploy and maintain smart meeting room AV systems, video conferencing solutions, Public Address and AMX-integrated control systems for seamless collaboration.

**Security Systems** (CCTV & Access Control) Oversee CCTV, access control, and surveillance systems to ensure robust organizational security and monitoring.

**Project Management,** Design & Procurement Lead end-to-end IT and ELV projects, including new system designs, BOQs, pre-sales support, client coordination, and spare parts procurement for timely delivery.

**Leadership & Operations** Supervise teams and vendors, ensure uptime, implement preventive maintenance, and provide technical guidance across IT and ELV systems.

### Key Achievements

- **Commissioning & Handover** Played a key role in the System Acceptance & Handover team for major IT and ELV projects, overseeing project handovers, addressing snag lists, and ensuring smooth operational transition and system readiness.
- **Planning & Preventive Maintenance** Successfully prepared plans and preventive maintenance schedules, ensuring optimal system performance and reduce downtime.
- **International Hiring & Resource Management:** international recruitment and coordination for project teams, sourcing skilled personnel from Pakistan for successful global project deployment.

**Business or sector** Information and communication

02/04/2022 - 10/09/2024 - RIYADH, SAUDI ARABIA

## **ELV/ICT ENGINEER ICAD KSA**

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**Infrastructure Design:** Collaborate with stakeholders to design the physical layout of the data center and network rooms. Plan for power distribution, cooling systems, and rack arrangements to ensure optimal performance and scalability.

**Networking:** Design and configure networking components, including switches, routers, firewalls, and load balancers. Implement network segmentation for security and efficiency.

**Server and Cloud Integration:** Integrate on-premises infrastructure with cloud services. Design hybrid cloud solutions that optimize resource utilization and workload management.

**Video conferences** Proficient in conducting seamless video conferences using Cisco and Polycom systems, ensuring a streamlined and collaborative virtual meeting experience

**High Availability and Disaster Recovery:** Implement redundancy and failover mechanisms to ensure high availability of critical services. Set up disaster recovery strategies to minimize downtime

**Immersive AV Design:** Design AV systems that offer immersive experiences, combining high-quality audio, video, and lighting. Utilize technologies like 4K displays, spatial audio, and dynamic lighting to create captivating environments.

**Public Address Integration:** Implement a unified public addressing system that serves both residential and commercial spaces. This includes emergency notifications, scheduled announcements, and zoning for targeted messaging.

### **Key Achievements:**

- Successfully **led commissioning and handover of major IT and ELV projects**, coordinating teams and delivering fully operational systems to clients on time

**Business or sector** Information and communication | **Website:** <https://www.icad.com/>

05/01/2021 - 28/03/2022 - ISLAMABAD, PAKISTAN

## **ICT ENGINEER PHI-IT-CONSULTING**

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**SAAS & Cloud Expertise:** Provide technical support for SAAS products, troubleshoot issues, and assist users in maximizing product utilization. Manage Microsoft Azure and Digital Ocean cloud environments, offering configuration assistance, monitoring, and optimization guidance.

**Sales and Consultation:** Engage with clients to understand their needs, recommend appropriate cloud solutions, and present the benefits of Microsoft Azure and Digital Ocean. Drive sales by articulating how these cloud platforms align with clients' goals.

**Video conferences** professional adept at orchestrating flawless video conferences with expertise in Cisco and Polycom technologies

**IT Service Management:** Maintain network integrity by overseeing configurations, and security, and addressing connectivity concerns. Additionally, provide IT help desk support, resolve technical issues, and guide users through software installations and system configurations.

**Provide IT support and troubleshooting** for hardware, software, network, and end-user issues, ensuring smooth daily operations and minimal downtime

15/12/2016 - 27/10/2020 - ISLAMABAD, PAKISTAN

## SYSTEM ENGINEER CREATIVE TECH.

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**Web Server Deployment:** Plan, install, and configure web servers to host websites, ensuring optimal performance, security, and resource utilization. Manage server updates, patches, and troubleshooting to maintain continuous website availability.

**IT Service Billing:** Manage the billing process for IT services, ensuring accurate invoicing, tracking usage, and generating reports. Coordinate with finance teams to streamline billing cycles and provide clients with transparent and timely billing information.

### ● EDUCATION & TRAINING

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ISLAMABAD, PAKISTAN

**BACHELORS OF SCIENCE IN ELECTRICAL (TELECOMMUNICATION) ENGINEERING**  
- COMSATS UNIVERSITY ISLAMABAD

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Website: [www.comsats.edu.pk](http://www.comsats.edu.pk)

### ● SKILLS

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#### **Infrastructure ICT & ELV Design Skills**

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- Data Center & Telecom Room Layout and Rack Design with optimized rack elevations, airflow management, and high-availability planning.
- Network Switch Placement and Connectivity Architecture, Symmetric Drawings, BOQ's, including redundant links, VLAN planning and IP schema design.
- Structured Cabling Planning for IT and ELV Systems, including fiber and copper cable management, patch panels, and labeling standards.
- AV System Design, deploy, and configure smart meeting rooms, boardrooms, video walls, pop-up monitors, and integrated video conferencing solutions, including matrix switchers for multi-source management.
- Design and plan IP-based ELV systems, including CCTV, access control, public address, IPTV, and integrated low-current infrastructure

#### **Network Configurations Skills**

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- Configure and manage Cisco switches, including access layer setup, VLANs, VTP, EtherChannel, VSL, Spanning Tree, DHCP, DNS, Telnet, and stacking.
- Switches and Firewalls Upgrades Plan, execute, and manage firmware and hardware upgrades for network switches and firewalls.
- Deploy and manage Access Points and Mobility Controllers for wireless network optimization and security..
- Configure and manage Palo Alto firewalls, including NAT policies, Security policies, Virtual Wire and Layer 2/3 interfaces, firewall configuration backups, site-to-site IPsec VPNs, and URL/Content Filtering policies .

#### **AV ,ELV Configuartion skills**

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- Commission and configure AV systems, including video walls, DSPs, microphones, video conferencing and IP-based smart meeting rooms.

- Commission and integrate ELV systems, including public address systems, master clock systems, nurse call systems and IP-based call bell solutions

### **Technical Operations Skills**

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- ICT Infrastructure: Operate, monitor, and maintain data center systems, including switches, routers, firewalls, servers, and IP phones, ensuring high availability and performance.
- ELV & AV Systems: Manage IP-based AV systems, smart meeting rooms, control room systems, public address, IPTV, and nurse call systems, ensuring smooth operation and minimal downtime.
- Security & Access Systems: Oversee CCTV, access control, intercom, and other security systems, maintaining continuous monitoring, operational readiness, and preventive maintenance.

### **Leadership & Communication Skills**

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- Team Management & Coordination: Lead, mentor and manage technical teams and vendors to ensure timely project delivery and smooth operations.
- Client & Stakeholder Communication and Coordinate with clients and stakeholders to understand requirements, provide updates and ensure successful project execution.

## • **CERTIFICATIONS**

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**Cisco Certified Network Professional**

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**HUAWEI Certified Network Professional**

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**Microsoft AZURE Administration Certified**

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**AWS Architect Associate Certified**

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**BIAMP VOICA Training Certified**

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**Bose ControlSpace Professional**

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**CRESTRON Core Certified**

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## • **TRAININGS**

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**Lenel OnGuard training**

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**Vitec IPTV Training**

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**Netgear AV Switchs Configuartion Training**

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**AMX Design Training**

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