

# Muktafa Hasan

ICT Engineer



## PROFILE SUMMARY

Btech-Electronics and communication engineering, Hand on Experience of IP CCTV, Analog Cctv, Access control system, Biometric and Intercom Systems, As a Project Engineer, Commissioning Engineer, Service Engineer, and knowledge about Networking system, Basic knowledge of Networking and switches Routers, And CISCO switch protocols using OSPf, BGP, EIGRP, ACL, Printer knowledge, MS Excel, MS word,

## PERSONAL INFORMATION

Email  
hasanvsecure7@gmail.com

Mobile  
(+91) 8789197572

Total work experience  
3 Years 3 Months

## KEY SKILLS

CCTV Configuration

IP Subnetting

WiFi Access point configuration

Product Knowledge

CP Plus Hikvision Dahua Bosch Hanwa Edward  
Fire alarm Lenel Access control

Adopt photoshop CS.

MS Word

MS Excel

## OTHER PERSONAL DETAILS

City New Delhi

Country INDIA

## HOBBIES

Learning any new technology, Listen songs

## LANGUAGES

## EDUCATION

2022

B.Tech/B.E.

**Rajiv Gandhi Proudyogiki Vishwavidyalaya  
(RGPV), Bhopal**

## WORK EXPERIENCE

Jul 2023 - May 2025

ICT Engineer

**Innovative contractor for advance dimensions ,Abha kingdom of Saudi Arabia.**

- IP CCTV System Configurations, Commissioning, camera settings such as resolution, frame rate, and field of view.
  - Networking Knowledge: Strong knowledge of TCP/IP, subnetting, and IP addressing.
  - Experience DVR/NVR configuration, recording set up, motion, regular, privacy masking, also network settings, DHCP, static.
  - Skilled in troubleshooting network issues impacting video quality or connectivity, including latency and bandwidth management.
  - Camera Installation & Configuration: Skilled in installing IP cameras with proper alignment and angle adjustment for maximum coverage.
  - Video Management Software (VMS): Proficient in setup and management of VMS platforms for video monitoring and control.
  - POE switches standards IEE 802.af, 802.at, 802.3 bt. Good understanding of PoE technology for simplified camera, installation without separate power lines.
  - Network Security & Encryption: Proficient in configuring network security for IP CCTV systems.
- Experienced in implementing security protocols like HTTPS, VPNs ,
- Experience in integrating IP CCTV systems with access control, alarms, and intercoms.
  - Skilled in configuring triggers between CCTV and other

- English
- Hindi
- Arabic

systems (e.g., motion detection and alarms).

- Storage Solutions Management: Managing video retention schedules, ensuring timely deletion of old footage to optimize storage.
- Camera Troubleshooting & Maintenance: Maintenance: Performing firmware and software updates for cameras and system to ensure optimal functionality.
- Video Compression & Bandwidth Management: Skilled in configuring video compression methods and setting up frame rates and resolutions based on available bandwidth.
- Remote Monitoring & Cloud Services: Experience in setting up remote monitoring solutions using cloud- based services.
- Project Management & Client Communication: Strong skills in understanding client security needs, offering tailored solutions, and providing post-installation support & maintenance services.

Jun 2022 - Jul 2023

Cctv Engineer

**VENTURE Infotech, Mumbai, Maharashtra**

- Performed end-to-end installation and commissioning of IP & Analog CCTV systems across residential, commercial, and industrial sites.
- Conducted network configuration including port forwarding for remote access via mobile, desktop .
- Port forwarding for remote access via mobile and desktop applications.
- Deployed PoE switches, NVR/DVR integration, and ONVIF- compliant camera systems ensuring seamless compatibility and centralized monitoring.
- Executed camera placement planning for optimal FOV (Field of View), night vision coverage, and blind spot elimination.
- Performed video stream configuration with proper compression settings (H.264/H.265) and adjusted bitrate, resolution, and frame rate as per storage requirements.
- Installation and configuration of Burglar alarm system .

Aug 2025 - Present

Project and Support Engineer

**VELAN IT**

L1& L2 support Engineer, Access control and Network troubleshooting,cctv system,genetech video management software, Parking management system, Smith machine, transiles,PIDS system,

## INTERNSHIP

2 Months

GPS Based tracking system device

**Road point GPS India Pvt Ltd.**

To install the GPS Device and repair,

## Projects

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6 Months

### Abha entertainment complex kingdom of Saudi Arabia

Installed and configured over 200+ IP CCTV cameras across the entertainment complex, covering high-traffic and sensitive areas to ensure full surveillance coverage.

- Assigned Static IP addresses, Subnet Masks, and documented MAC addresses for all devices to ensure organized and secure network mapping.
- Chose suitable network cabling (Cat6/Cat6a) according to the camera model, bandwidth needs, and distance from network switches to avoid signal loss and ensure data integrity.
- Selected and installed PoE switches based on total power requirements, camera types, and cable lengths to ensure efficient power and data transmission.
- Configured video streams with H.264/H.265 compression, adjusted bitrate, and integrated camera feeds into centralized NVR/VMS systems.
- Installed and integrated Access Control Panels including door controllers, card readers, electric locks, and push buttons to manage and monitor physical access to restricted zones.

## COURSES & CERTIFICATIONS

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- CCNA - Cisco Certified Network Associate (NCP Network Core program New Delhi)