

# MAHENDRASINGH CHAUHAN

IT Administrator

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Seasoned IT Administrator and Network Specialist with over 26 years of comprehensive experience managing enterprise IT infrastructure, including optical fiber networks, cloud network engineering, cybersecurity, and IT surveillance systems. Seeking a challenging senior-level role in Maharashtra's metropolitan areas to leverage my technical skills, leadership capabilities, and passion for continuous improvement to drive organizational success and technological excellence.

## PROFILE SUMMARY

- ❖ Accomplished **IT Administrator** with over **26 years of diverse experience** in **IT infrastructure management, network design, cybersecurity, and data center operations** across academic and industrial environments.
- ❖ Proven expertise in **designing, deploying, and optimizing network infrastructure** including WiFi, Optical Fiber Cable (OFC) networks, and data centers to ensure high availability and performance.
- ❖ Resourceful in designing and deploying complex **WiFi and Optical Fiber Cable (OFC) networks**, ensuring **robust connectivity** and **seamless integration** to support organizational growth.
- ❖ **Hands-on experience in troubleshooting and resolving hardware, software, and network issues** while managing IT assets, backup solutions, and disaster recovery planning to ensure minimal downtime, seamless IT operations, and enhanced business continuity.
- ❖ **Proficient in cybersecurity management, policy formulation, and compliance**, with a proven track record in **designing surveillance and automation systems** that integrate **cutting-edge technologies** to mitigate risks, enhance security, and improve operational efficiency.
- ❖ Expertise in **designing, deploying, and managing robust IT infrastructure**, including **servers, networks, data centers, and cloud environments**, ensuring **high availability, scalability, and optimal performance** to support business operations effectively.


## TECHNICAL SKILLS

Server & Network	Server Administration, Network Administration
Wireless & LAN	Wireless LAN (Wi-Fi)
Security	UTM/Firewall Configuration, Network Security Management
Data Center	Data Center Design & Deployment
Field Operations	Field Survey, Estimating & Project Report

## CORE COMPETENCIES

- IT Infrastructure Management
  - Optical Fiber Network Management
  - Wi-Fi & Wireless LAN Deployment
  - Data Center Design & Deployment
  - Patent Research & Development
- Server Administration
  - Network Security Policy Design
  - Network Troubleshooting & Support
  - Disaster Recovery & Backup Strategies
  - Cybersecurity Policy Implementation
- Network Infrastructure Planning
  - Firewall & UTM Management
  - Cloud Network Engineering
  - IT Surveillance & CCTV Management
  - Server Management & Maintenance

## SOFT SKILLS

	Progressive Leadership
	Technology & Innovation
	Data Driven Decision Making
	Problem-solving & Result-oriented
	Analytical Thinking & Critical Analysis

## NOTABLE ACCOMPLISHMENTS

-  **Awarded 1st Patent in Automobile Technology** (Government of India)
-  **Awarded 2nd Patent in IT Innovation** (Government of India)

## CERTIFICATIONS

- \*Microsoft Certified Security Oprations Analyst Associate
- \*Google Certified Professional Cloud Network Engineer
- \*Global Certification in CEH-V13
- \*ISO/IEC 27001:2022 Certified
- \*ITIL-4 Certified
- \*Cisco CCNA

## EDUCATION

-  **PhD (Pursuing)**  
KBC North Maharashtra University, Jalgaon
-  **MBA, IT & Systems Management**  
KBC North Maharashtra University, Jalgaon
-  **Bachelor of Commerce (B.Com)**  
YCMOU, Amravati

WORK EXPERIENCE

Aug 2007 – Present | IT Administrator | S.S.B.T.’s College of Engineering & Technology, Bambhori, Jalgaon

- ❖ **IT Infrastructure Management:** Managed servers, networks, hardware, and software systems to ensure optimal performance, availability, and seamless connectivity across multiple locations.
- ❖ **User Account & Access Management:** Managed user accounts, provisioning, permissions, and password controls to secure internal systems and applications.
- ❖ **System Monitoring & Troubleshooting:** Monitored system performance and troubleshoot hardware, software, and network issues proactively to minimize downtime and maintain business continuity.
- ❖ **Network Security & Policy Implementation:** Designed, implemented, and enforced robust IT policies and security protocols, protecting organizational data and ensuring compliance with industry standards.
- ❖ **Network Administration:** Configured and administered routers, switches, firewalls, VPNs, wireless access points, and managed optical fiber and Wi-Fi networks to maintain secure and reliable connectivity.
- ❖ **Backup & Disaster Recovery Coordination:** Coordinated regular data backups and executed disaster recovery plans to safeguard critical business information and support business resilience.
- ❖ **Vendor Collaboration & License Management:** Collaborated with vendors for procurement, maintenance, and support of IT equipment; managed IT budgets, asset inventories, SLA renewals, and licensing agreements to optimize resources.
- ❖ **Technical Support & Training:** Provided technical support and conducted training sessions for end-users, enhancing productivity and resolving IT-related issues efficiently.
- ❖ **Documentation & Process Improvement:** Maintained comprehensive IT system documentation and procedures; recommended infrastructure upgrades and stayed current with emerging technologies to improve performance and security.
- ❖ **Expertise in** sensor integration, robotics automation, device customization, and in-house equipment restoration & capability development.

PREVIOUS EXPERIENCE

1998 – 2006 | IT Industry – Startup & Entrepreneur

IT Infrastructure Services & Computer Solutions

PATENTS

- ❖ **Plano Projectional WiFi Device**  
**Patent Application No.:** 443333-001 | **Issued:** March 2025 | **Patent Office:** India  
Developed a 180-degree dual-band Plano Projectional WiFi antenna to extend wireless coverage beyond the typical 120-degree range, improving network performance and reducing infrastructure costs.
- ❖ **Plug & Play Contact Less Ignition System (PPCIS)**  
**Patent Application No.:** 397027-001 | **Issued:** December 2023 | **Patent Office:** India  
Developed an innovative ignition device fabricated from aluminum, replacing the traditional mechanical contact breaker system for Royal Enfield Bullet engines. The system uses a magnetic Hall effect sensor to eliminate wear and tear and maintain ignition timing without wiring changes.

PERSONAL DETAILS

**Date of Birth:** 26<sup>th</sup> June 1978  
**Languages Known:** English, Marathi, Hindi  
**Address:** 101, Disha Appt. Khote Nagar Stop Jalgaon - 425001