# 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 CenterData Center Design & DeploymentField OperationsField 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**

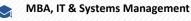
- \*Microsoft Certified Security Oprations Analyst Associate
- \*Google Certified Professional Cloud Network Engineer
- \*Global Certification in CEH-V13
- \*ISO/IEC 27001:2022 Certified
- \*ITIL-4 Certified
- \*Cisco CCNA

### **EDUCATION**



PhD (Pursuing)

KBC North Maharashtra University, Jalgaon



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### **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 troubleshot 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: 26th June 1978

Languages Known: English, Marathi, Hindi

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