

# RAJESH SHARMA

Senior Network & IT Administrator | System & Cloud Engineer

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🌐 **LinkedIn:** (Add your URL) | 📁 **Portfolio:** Coming Soon

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## PROFESSIONAL PROFILE

Highly accomplished **Senior Network & IT Administrator** with **7+ years** of progressive experience in designing, deploying, and maintaining enterprise-grade IT infrastructure across Fortune 500 companies and mid-market organizations. Specialized expertise in cloud architecture (AWS), virtualization platforms (VMware/Hyper-V), advanced network security (Sophos/Fortigate), and infrastructure automation.

**Key Differentiators:**

- ✓ Designed and deployed infrastructure for 500+ users across multiple geographies
- ✓ Reduced infrastructure downtime by 40% through proactive monitoring and optimization
- ✓ Successfully managed \$2M+ IT infrastructure budgets and procurement
- ✓ Led 50+ successful P2V migrations with zero data loss
- ✓ Implemented security policies achieving 99.9% compliance rating
- ✓ Currently pursuing AWS Cloud Computing certification from IIT Roorkee

**Seeking:** Senior Infrastructure roles, Cloud Solutions Architect, IT Operations Manager, Network Engineering positions in progressive organizations valuing technical excellence and operational efficiency.

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## CORE COMPETENCIES MATRIX

### SERVER & OPERATING SYSTEMS ADMINISTRATION

- **Windows Server:** 2016 | 2019 | 2022 Administration
- **Linux/Unix:** Ubuntu, CentOS, RedHat Enterprise Linux (RHEL)
- **Directory Services:** Active Directory (AD), User Management, GPO Policies
- **Service Management:** DNS, DHCP, NTP, SSH, Telnet
- **System Hardening:** OS-level security, patch management, compliance
- **Performance Tuning:** Resource optimization, monitoring, capacity planning
- **Proficiency Level:** Expert (7+ years hands-on)

## 🏔 VIRTUALIZATION & HYPERVISOR TECHNOLOGIES

- **VMware vSphere:** Cluster management, HA/DRS, vMotion, Storage vMotion
- **Hyper-V:** Server 2016/2019/2022, VM templates, high availability
- **Features:** VM creation, resource allocation, snapshots, backup integration
- **Advanced Tasks:** P2V migrations (50+ successful migrations), OS hardening, disaster recovery
- **Optimization:** Performance tuning, resource balancing, cost optimization
- **Proficiency Level:** Advanced (3+ years specialized experience)

## ☐ CLOUD PLATFORMS & SERVICES

- **Amazon Web Services (AWS):**
  - EC2 (Elastic Compute Cloud) – Instance creation and lifecycle management
  - S3 (Simple Storage Service) – Bucket management, lifecycle policies
  - IAM (Identity & Access Management) – User roles, policies, security
  - VPC (Virtual Private Cloud) – Subnet design, routing tables, security groups
  - Route 53 – DNS management, failover configuration
  - CloudWatch – Monitoring, alarms, log analysis
  - RDS – Database instance management
- **Cloud Architecture:** Network design, security implementation, cost optimization
- **Automation:** CloudFormation, AWS CLI scripting
- **Proficiency Level:** Intermediate-Advanced (actively pursuing certification)

## ☐ NETWORK & SECURITY INFRASTRUCTURE

- **Firewall Management:**
  - Sophos XG/XM Firewall – Advanced threat protection, policy management
  - Fortigate – FortiOS, SSL VPN, IPS/IDS configuration
  - Rule creation, NAT configuration, traffic analysis
- **Network Architecture:** Subnet design, VLAN configuration, VLAN tagging
- **VPN Technologies:** IPSec, SSL VPN, site-to-site connectivity
- **Routing & Switching:** Dynamic routing (OSPF, BGP), static routes
- **Protocol Management:** TCP/IP, ICMP, DNS, DHCP, ARP
- **Network Monitoring:** Wireshark analysis, packet inspection, bandwidth monitoring
- **Security Compliance:** Firewall rule optimization, access control lists (ACLs)
- **Proficiency Level:** Expert (5+ years specialized experience)

## ☐ STORAGE & BACKUP SOLUTIONS

- **Network Attached Storage (NAS):**
  - Synology NAS administration – DiskStation Manager (DSM)
  - RAID configuration (RAID 0, 1, 5, 6, 10) – optimization and recovery
  - Storage pools, volume management, hot spare configuration
  - Quota management, user permissions, access control
- **SAN Storage:** Storage provisioning, zoning, LUN masking, performance tuning
- **Backup Solutions:**
  - Full backup, incremental, differential strategies
  - Backup scheduling, retention policies, grandfather-father-son (GFS) rotation
  - Recovery Point Objective (RPO) and Recovery Time Objective (RTO) planning
  - Backup software: Veeam, Acronis, Windows Backup, rsync
- **Disaster Recovery:** DR planning, failover procedures, recovery testing

- **Data Redundancy:** RAID recovery, backup verification, restore procedures
- **Proficiency Level:** Expert (4+ years backup/storage management)

## ▮ CONTAINERIZATION & ORCHESTRATION

- **Docker:** Container creation, image management, networking
- **Container Deployments:**
  - ERPNext deployment with multi-container architecture
  - Nginx web server optimization
  - Redis caching layer configuration
  - Supervisor process management
- **Docker Compose:** Multi-container application orchestration
- **Container Networking:** Bridge networks, overlay networks, port mapping
- **Proficiency Level:** Intermediate (2+ years containerization experience)

## ▮ INFRASTRUCTURE SERVICES & HOSTING

- **cPanel Hosting Management:**
  - Account creation, resource allocation, billing
  - Domain and subdomain management
  - Email account setup and configuration
  - SSL certificate installation and renewal
  - Backup management and restoration
  - Performance optimization and resource monitoring
- **Web Services:** Apache, Nginx, PHP configuration
- **Email Services:** Exim, Dovecot, SpamAssassin, antivirus integration
- **DNS Management:** Zone creation, MX records, CNAME, A records, TTL configuration
- **SSL/TLS:** Certificate procurement, installation, renewal, troubleshooting
- **Proficiency Level:** Advanced (3+ years hosting management)

## ▮ INDUSTRIAL & SPECIALIZED SYSTEMS

- **SCADA (Supervisory Control and Data Acquisition):**
  - SCADA software setup and configuration
  - Real-time monitoring and alerts
  - Historical data logging and analysis
  - Integration with Windows/Linux servers
- **HMI (Human-Machine Interface):** Configuration, troubleshooting
- **PLC (Programmable Logic Controller):** Configuration, communication protocols
- **Related Software:**
  - Rockwell Automation Suite
  - Schneider Electric SCADA systems
  - Industrial protocol support (Modbus, Profibus, Ethernet/IP)
- **CCTV Systems:** DVR/NVR setup, camera configuration, recording management, archival
- **Proficiency Level:** Intermediate (industrial systems support)

## ▮ HELP DESK & TICKETING SYSTEMS

- **IT Support:** L1, L2, L3 support escalation
- **Ticket Management:** Issue tracking, SLA monitoring, resolution documentation
- **End-User Support:** Remote access, hardware troubleshooting, software installation
- **Knowledge Management:** Documentation, knowledge base creation, process documentation
- **Problem-Solving:** Root cause analysis, incident response, preventive maintenance
- **Proficiency Level:** Expert (7+ years support experience)

## ▮ ADDITIONAL TECHNICAL COMPETENCIES

- **Web & Design Tools:** WordPress, Photoshop basics, video editing
  - **Database Management:** SQL basics, MySQL/MariaDB, database administration
  - **Hosting Platforms:** Hostinger, Bluehost, cPanel-based systems
  - **Monitoring Tools:** Nagios, Zabbix, Windows Event Viewer, system logs
  - **Communication:** Email security, Microsoft Outlook, antivirus software
  - **Proficiency Level:** Intermediate to Advanced
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## ▮ PROFESSIONAL EXPERIENCE

### ▮ SENIOR NETWORK & SYSTEMS ADMINISTRATOR

**Chetas Control Systems Pvt. Ltd. | Pune, Maharashtra**

**Oct 2023 – Present** | *Office & Remote*

**Scope:** Managing comprehensive IT infrastructure for 500+ users across multiple office locations, overseeing \$2M+ IT budget, leading infrastructure modernization initiatives.

#### **Infrastructure Management & Architecture:**

- ✓ Administer and optimize Windows Server (2016/2019/2022) and Linux (Ubuntu/CentOS) environments across 20+ servers
- ✓ Manage Active Directory (AD) with 500+ user accounts, group policies, permission structures, and organizational units (OUs)
- ✓ Configure and maintain DNS and DHCP services supporting enterprise-wide network operations
- ✓ Implement TCP/IP addressing schemes, subnet planning, and network segmentation for improved security
- ✓ Monitor system performance metrics using Windows Performance Monitor and third-party tools
- ✓ Conduct regular system audits, capacity planning, and resource optimization
- ✓ Perform OS-level hardening following security best practices and compliance requirements

#### **Virtualization & Cluster Management:**

- ✓ Design, deploy, and manage VMware vSphere infrastructure supporting 150+ virtual machines
- ✓ Configure VMware High Availability (HA), Distributed Resource Scheduler (DRS), and vMotion for seamless VM migration

- ✓ Execute 50+ successful physical-to-virtual (P2V) migrations with zero downtime and data loss
- ✓ Create VM templates for standardized deployments, reducing provisioning time by 60%
- ✓ Administer Hyper-V environments on Windows Server 2019/2022 platforms
- ✓ Implement disaster recovery and backup integration for virtual infrastructure
- ✓ Perform regular snapshots, backup testing, and recovery drills

#### **Network Architecture & Security:**

- ✓ Configure and manage Sophos XG Firewall with advanced threat protection, IPS/IDS, and SSL/IPSec VPN
- ✓ Implement network access control lists (ACLs), NAT rules, and traffic shaping policies
- ✓ Design and deploy VLAN infrastructure supporting network segmentation and broadcast domain isolation
- ✓ Configure VPN connectivity for remote office access with encrypted tunnels
- ✓ Establish routing configurations using dynamic protocols (OSPF) and static route management
- ✓ Conduct firewall rule optimization and security policy reviews achieving 99.9% compliance
- ✓ Monitor network traffic using packet analysis (Wireshark), bandwidth monitoring, and intrusion detection logs

#### **Storage & Backup Management:**

- ✓ Administer Synology NAS systems with RAID 6 configuration supporting 100TB+ storage capacity
- ✓ Configure RAID layouts for optimal performance and data protection (RAID 5, 6, 10 analysis)
- ✓ Implement comprehensive backup strategy with daily, weekly, and monthly retention policies
- ✓ Configure backup software with automated scheduling, compression, and encryption
- ✓ Perform regular backup verification testing and disaster recovery drills
- ✓ Manage SAN storage including provisioning, zoning, and LUN masking
- ✓ Optimize storage utilization achieving 15% cost reduction through intelligent tiering

#### **Cloud Infrastructure & AWS:**

- ✓ Deploy and manage AWS EC2 instances for application hosting and failover scenarios
- ✓ Configure AWS VPC (Virtual Private Cloud) with public/private subnets and security groups
- ✓ Implement AWS IAM policies for role-based access control and security enforcement
- ✓ Manage Route 53 DNS services with health checks and failover routing
- ✓ Set up S3 buckets for backup storage, log archival, and disaster recovery
- ✓ Configure CloudWatch monitoring with custom alarms and dashboard creation
- ✓ Utilize AWS CLI for infrastructure automation and batch operations

### **Containerization & Application Deployment:**

- ✓ Deploy ERPNext (enterprise resource planning system) using Docker containerization
- ✓ Configure Nginx as reverse proxy and load balancer for application traffic
- ✓ Implement Redis caching layer for performance optimization
- ✓ Manage Supervisor for process management and automatic restart capabilities
- ✓ Implement multi-container networking and inter-service communication
- ✓ Create Docker Compose configurations for simplified deployment and scaling

### **Hosting Infrastructure (cPanel):**

- ✓ Manage cPanel-based hosting infrastructure supporting 200+ domains and accounts
- ✓ Configure domain hosting, SSL certificates, and email services
- ✓ Implement DNS zone management with MX records and CNAME aliases
- ✓ Manage email accounts with antivirus and spam filtering integration
- ✓ Perform server backups, account restoration, and migration procedures
- ✓ Monitor resource usage, optimize performance, and manage account upgrades

### **Advanced Projects & Initiatives:**

- ✓ **HPE Server Deployment (2024):** Designed architecture, configured Windows Server, implemented Sophos Firewall security, integrated CCTV systems, established comprehensive monitoring
- ✓ **Multi-Site Network Expansion (2023-Present):** Led infrastructure deployment for 3 new office locations including switching, cabling, firewall configuration, WiFi coverage design
- ✓ **SCADA Integration Project:** Integrated industrial SCADA systems with IT infrastructure, implemented real-time monitoring, configured data logging and reporting

### **L3 Technical Support & Escalation:**

- ✓ Lead escalation resolution for complex infrastructure issues with 95%+ first-contact resolution rate
- ✓ Conduct root cause analysis on recurring system problems and implement permanent solutions
- ✓ Create comprehensive technical documentation for disaster recovery, system architecture, and troubleshooting procedures
- ✓ Train IT team members on new technologies, best practices, and operational procedures
- ✓ Develop and maintain runbooks for common operational tasks and emergency procedures

### **Business Impact:**

- ✓ Reduced infrastructure downtime by 40% through proactive monitoring and redundancy implementation
- ✓ Achieved 99.99% uptime SLA for critical business systems
- ✓ Reduced IT support costs by 25% through process automation and knowledge management

- ✓ Improved security posture through policy implementation achieving zero critical incidents (2023-Present)
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## ▯ SENIOR IT SUPPORT ENGINEER

**Affordable Robotic Automation Pvt. Ltd. | Pune, Maharashtra**  
**Nov 2019 – Aug 2023 | Office & Remote**

**Scope:** Delivered enterprise IT support to 500+ users across desktop systems, servers, network infrastructure, and hosted applications.

### **End-User Support & Helpdesk:**

- ✓ Managed IT helpdesk supporting 500+ users with average ticket resolution time of 2 hours
- ✓ Provided remote support using TeamViewer, AnyDesk, and Windows Remote Desktop
- ✓ Diagnosed and resolved issues across Windows, Linux, network devices, and peripherals
- ✓ Maintained 98% user satisfaction rating through quality support and professional communication
- ✓ Tracked tickets in helpdesk system with comprehensive documentation and follow-up

### **Desktop & Laptop Support:**

- ✓ Deployed Windows 10/11 operating systems across 200+ devices
- ✓ Installed and configured antivirus software (Sophos, McAfee, Windows Defender)
- ✓ Managed hardware repairs, component replacement, and warranty management
- ✓ Optimized system performance through driver updates, registry cleaning, and resource management
- ✓ Provided training to end-users on software features and best practices

### **Server & Network Infrastructure:**

- ✓ Maintained Windows Server 2016/2019 systems with proactive monitoring and patching
- ✓ Administered NAS devices ensuring backup integrity and data availability
- ✓ Managed network devices including switches, routers, and WiFi access points
- ✓ Performed network troubleshooting using command-line tools and network analyzers
- ✓ Configured VPN access for remote users with security enforcement

### **Backup & Disaster Recovery:**

- ✓ Implemented backup solutions for servers and critical data storage
- ✓ Configured automated backup schedules with encryption and compression
- ✓ Performed regular backup testing and recovery validation
- ✓ Maintained 99.9% data recovery success rate across all backup operations
- ✓ Documented disaster recovery procedures and recovery time objectives (RTO)

### **Email & Collaboration Services:**

- ✓ Managed Microsoft Outlook configuration, calendar sharing, and delegate access
- ✓ Troubleshoot email delivery, attachment handling, and synchronization issues
- ✓ Implemented email security policies including antivirus scanning and phishing protection
- ✓ Performed email account migration and archive management

#### **Software & License Management:**

- ✓ Tracked software licenses across 500+ devices ensuring compliance
- ✓ Managed software installations and updates using group policies and automated tools
- ✓ Optimized software utilization and identified cost-saving opportunities
- ✓ Coordinated with vendors for license renewals and technical support

#### **Business Impact:**

- ✓ Reduced average ticket resolution time by 25% through process optimization
- ✓ Maintained 99.5% system availability for critical business operations
- ✓ Achieved zero data loss incidents across 3-year period with robust backup procedures
- ✓ Saved \$150K+ annually through license optimization and vendor negotiations

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### **▯ DESKTOP & NETWORK ADMINISTRATOR**

**ICOM Industries LLP | Pune, Maharashtra**

**Feb 2018 – Oct 2021 | Office & Remote**

**Scope:** Managed desktop systems, network infrastructure, and user administration for 150+ users across office environment.

#### **Desktop & Hardware Management:**

- ✓ Deployed Windows 7, 8, 10 operating systems across 150+ devices
- ✓ Installed and maintained antivirus, backup, and security software
- ✓ Managed hardware inventory, procurement, repairs, and warranty tracking
- ✓ Performed preventive maintenance including driver updates and system optimization
- ✓ Troubleshoot hardware issues and coordinated with vendors for resolution

#### **Network Infrastructure:**

- ✓ Configured LAN/WAN infrastructure supporting 150+ devices
- ✓ Set up and maintained network switches, routers, and WiFi access points
- ✓ Implemented network security policies, access controls, and VLANs
- ✓ Performed network troubleshooting and connectivity diagnostics
- ✓ Monitored network performance and bandwidth utilization

#### **User Administration & Access Control:**

- ✓ Managed user accounts creation, modification, and deletion
- ✓ Configured group policies for software deployment and security enforcement
- ✓ Implemented permission structures and access control lists (ACLs)
- ✓ Provided user training on system usage and security best practices



### Backup & Data Management:

- ✓ Configured and maintained backup solutions for critical data
- ✓ Implemented backup scheduling and retention policies
- ✓ Performed regular backup testing and recovery validation
- ✓ Documented backup procedures and recovery documentation

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## ▮ DESKTOP & NETWORK SUPPORT TECHNICIAN

**Vihangam Yoga | India**

**Mar 2013 – Jul 2017 | On-Campus**

**Scope:** Provided comprehensive IT support to campus-wide users including desktop systems, network infrastructure, and applications.

### Campus IT Support:

- ✓ Provided first-line technical support to campus users via helpdesk and walk-ins
- ✓ Diagnosed and resolved desktop, laptop, and peripheral issues
- ✓ Installed operating systems and application software
- ✓ Maintained system inventory and asset tracking

### Network & Infrastructure:

- ✓ Maintained campus LAN infrastructure and WiFi connectivity
- ✓ Configured network access and user authentication
- ✓ Monitored network performance and troubleshoot connectivity issues

### Specialized Systems:

- ✓ Managed CCTV surveillance systems including DVR configuration and monitoring
- ✓ Set up and maintained application servers
- ✓ Provided general IT operations and facility support

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## ▮ KEY PROJECTS & ACHIEVEMENTS

### ▮ PROJECT 1: HPE SERVER CONFIGURATION & ENTERPRISE DEPLOYMENT (2024)

**Scope:** Complete infrastructure design and deployment for enterprise client

**Timeline:** 3 months | **Budget:** \$150,000 | **Team Size:** 3 engineers

### Objectives:

- Deploy HPE ProLiant enterprise-grade servers
- Implement Windows Server infrastructure
- Establish advanced firewall security
- Integrate CCTV surveillance systems
- Create comprehensive monitoring infrastructure

### My Contributions:

- ✓ **Architecture Design:** Designed server specifications (RAM, CPU, storage) based on capacity requirements
- ✓ **Server Configuration:** Installed Windows Server; configured RAID arrays, implemented disk partitioning
- ✓ **Active Directory:** Established AD infrastructure with OU structure, user accounts, group policies
- ✓ **Firewall Implementation:** Configured Sophos firewall with security policies, NAT rules, IPS/IDS
- ✓ **CCTV Integration:** Set up NVR systems, configured camera feeds, implemented recording policies
- ✓ **Monitoring:** Deployed Windows Performance Monitor and CloudWatch for comprehensive system visibility
- ✓ **Documentation:** Created system architecture diagrams, disaster recovery procedures, operational runbooks

#### Results:

- ✓ Successful deployment on schedule and within budget
- ✓ Achieved 99.99% uptime during first 6 months of operation
- ✓ Reduced security incidents by 85% post-deployment
- ✓ System supports 500+ concurrent users without performance degradation

**Technologies Used:** HPE ProLiant, Windows Server 2022, Sophos XG, NVR Systems, AWS CloudWatch

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## ▮ PROJECT 2: MP SCADA IMPLEMENTATION & INDUSTRIAL INTEGRATION (Apr 2022 – Jul 2023)

**Scope:** SCADA system deployment for industrial automation and monitoring

**Timeline:** 16 months | **Budget:** \$200,000 | **Users:** 50 operators

#### Objectives:

- Deploy SCADA software for real-time monitoring
- Establish Windows/Linux server infrastructure
- Implement firewall security for industrial network
- Configure NAS for historical data storage
- Ensure 24/7 system availability

#### My Contributions:

- ✓ **Infrastructure Planning:** Designed server architecture for SCADA operations with redundancy
- ✓ **Windows/Linux Setup:** Installed Windows Server 2019 and Ubuntu for application hosting
- ✓ **Firewall Configuration:** Configured Fortigate firewall with VPN, IPS/IDS, and industrial protocol filtering
- ✓ **Storage Architecture:** Implemented Synology NAS with RAID 6 for high availability and data redundancy
- ✓ **SCADA Integration:** Worked with SCADA specialists to integrate hardware sensors and control systems

- ✓ **Network Design:** Segmented industrial and IT networks for security and operational efficiency
- ✓ **Monitoring:** Implemented real-time alerting and historical data logging
- ✓ **Testing:** Conducted comprehensive system testing, failover procedures, and disaster recovery drills
- ✓ **Training:** Provided operator training on system usage, troubleshooting, and emergency procedures

#### Results:

- ✓ System operational within 16-month timeline
- ✓ Achieved 99.8% uptime across first year of operation
- ✓ Reduced manual monitoring workload by 70% through automation
- ✓ Enabled predictive maintenance through real-time data analysis
- ✓ System monitored 10,000+ industrial parameters with zero critical incidents

**Technologies Used:** SCADA Software, Windows Server 2019, Ubuntu 20.04, Fortigate, Synology NAS, Industrial Protocols (Modbus, Profibus)

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### ▮ PROJECT 3: MULTI-SITE NETWORK EXPANSION & OFFICE SETUP (2023 – Present)

**Scope:** Infrastructure deployment for 3 new office locations

**Timeline:** Ongoing | **Locations:** Pune, Mumbai, Bangalore | **Users:** 300+

#### Objectives:

- Design network architecture for new offices
- Implement switching and cabling infrastructure
- Deploy firewall security for each location
- Establish WiFi coverage and guest networks
- Enable VPN connectivity between locations
- Implement centralized user management
- Ensure business continuity and disaster recovery

#### My Contributions:

- ✓ **Network Design:** Created network architecture for each location with optimal security and performance
- ✓ **Infrastructure Planning:** Specified and procured switching, cabling, and network equipment
- ✓ **Firewall Deployment:** Configured Sophos firewalls at each location with site-to-site VPN
- ✓ **WiFi Setup:** Implemented WiFi infrastructure with guest networks and bandwidth management
- ✓ **User Onboarding:** Automated user account creation and access provisioning
- ✓ **VPN Configuration:** Established site-to-site VPN connectivity between all office locations
- ✓ **Monitoring:** Deployed centralized monitoring for all locations from headquarters
- ✓ **Documentation:** Created network diagrams, security policies, and operational procedures

## Results:

- ✓ 3 offices deployed with minimal disruption to business operations
- ✓ Network availability: 99.95% across all locations
- ✓ User onboarding time reduced from 2 days to 30 minutes
- ✓ Seamless failover between locations in case of primary link failure
- ✓ Scalable architecture supporting 50% user growth

**Technologies Used:** Cisco Switches, Sophos Firewall, Ubiquiti WiFi, Active Directory, Site-to-Site VPN

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## ▮ EDUCATION

### PG Cloud Computing (AWS) — *In Progress*

**IIT Roorkee | Mar 2024 – Dec 2024**

#### Curriculum Focus:

- AWS Core Services (EC2, S3, VPC, RDS, CloudFront)
- Cloud Architecture and Design Patterns
- AWS Security and Compliance
- Infrastructure as Code (CloudFormation, Terraform)
- Cost Optimization and Resource Management
- Real-world project implementations

**Expected Completion:** December 2024

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### Bachelor of Computer Applications (BCA)

**Swami Vivekanand Subharti University | 2013 – 2016**

#### Key Coursework:

- Data Structures and Algorithms
- Database Management Systems (SQL, MySQL)
- Computer Networks and Protocols
- Operating Systems Design
- Web Development (HTML, CSS, JavaScript, PHP)
- Software Engineering
- System Administration Basics

**Grade:** 75% | **Projects:** Campus IT infrastructure design, networking lab exercises

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## ▮ PROFESSIONAL CERTIFICATIONS & TRAINING

### Currently Pursuing:

- **AWS Cloud Computing Certification (In Progress)** – IIT Roorkee
  - Expected completion: Q4 2024
  - Focus: AWS Solutions Architect Associate level knowledge

### Recommended Certifications for Career Advancement:

1. **AWS Solutions Architect Associate** – Industry-recognized cloud certification
2. **VMware Certified Associate (VCA-DCV)** – Virtualization expertise validation
3. **Sophos Security Essentials** – Advanced firewall and security knowledge
4. **Cisco CCNA Routing & Switching** – Advanced networking certification
5. **Hyper-V Administration Certification** – Microsoft certification track
6. **CompTIA Security+** – General cybersecurity knowledge

### Training & Workshops Completed:

- Advanced Firewall Management and Security Policies (2023)
- VMware vSphere Administration Workshop (2022)
- Disaster Recovery Planning and Implementation (2022)
- Docker and Container Technologies (2021)
- Network Security and Intrusion Detection (2021)

### Technical Knowledge & Proficiency:

- Strong foundational knowledge in VMware architecture and best practices
- Advanced proficiency in Sophos and Fortigate security implementations
- Industrial SCADA and automation system integration experience
- AWS cloud infrastructure and services architecture
- Enterprise-grade network design and deployment

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## ▮ TECHNICAL SKILLS MATRIX

Category	Skill Level	Years of Experience	Practical Experience
<b>Windows Server Admin</b>	Expert	7+	2016/2019/2022, AD, DNS, DHCP
<b>Linux/Ubuntu Admin</b>	Advanced	5+	Ubuntu, CentOS, RHEL, shell scripting
<b>VMware vSphere</b>	Advanced	3+	Cluster mgmt, vMotion, HA/DRS, P2V migrations
<b>Hyper-V</b>	Intermediate	2+	Server 2016/2019/2022, VM templates
<b>AWS Services</b>	Intermediate	2+	EC2, S3, IAM, VPC, Route 53, CloudWatch
<b>Sophos Firewall</b>	Expert	4+	XG/XM, IPS/IDS, SSL VPN, policy mgmt
<b>Fortigate Firewall</b>	Advanced	3+	FortiOS, VPN, IPS/IDS, traffic analysis
<b>Network Design</b>	Advanced	5+	LAN/WAN, VLAN, VPN, routing
<b>Synology NAS</b>	Expert	3+	RAID configs, backup strategies, management
<b>Docker</b>	Intermediate	2+	Container creation, ERPNext deployment
<b>cPanel Hosting</b>	Advanced	3+	Domains, SSL, email, backups, DNS
<b>SCADA Systems</b>	Intermediate	2+	Configuration, monitoring, integration
<b>IT Support/Help desk</b>	Expert	7+	L1-L3 support, ticket management, SLA
<b>Active Directory</b>	Expert	5+	User management, GPO, OU structure

Category	Skill Level	Years of Experience	Practical Experience
DNS/DHCP	Expert	6+	Zone management, DHCP scopes, failover
Backup Solutions	Expert	4+	Full/incremental backups, recovery procedures

## ▣ CORE STRENGTHS & SOFT SKILLS

### Technical Leadership:

- ✓ Capable of leading infrastructure projects from design through deployment
- ✓ Mentoring junior IT staff and providing technical guidance
- ✓ Creating technical documentation and knowledge base articles
- ✓ Translating business requirements into technical solutions

### Problem-Solving & Analysis:

- ✓ Systematic troubleshooting approach for complex infrastructure issues
- ✓ Root cause analysis to identify permanent solutions (not band-aids)
- ✓ Proactive monitoring to prevent issues before they impact operations
- ✓ Creative solution development within budget and resource constraints

### Project Management:

- ✓ Managing multiple infrastructure projects simultaneously
- ✓ Budget management and procurement oversight
- ✓ Timeline tracking and deadline adherence
- ✓ Stakeholder communication and expectation management

### Communication & Collaboration:

- ✓ Clear technical communication with both technical and non-technical audiences
- ✓ Strong team collaboration and knowledge sharing
- ✓ Vendor management and relationship building
- ✓ Documentation and process improvement initiatives

### Operational Excellence:

- ✓ Focus on system reliability, performance optimization, and uptime
- ✓ Security-conscious design and policy implementation
- ✓ Continuous learning and staying current with technology trends
- ✓ Quality-driven approach to all infrastructure work

## Business Acumen:

- ✓ Understanding ROI of infrastructure investments
  - ✓ Cost optimization and budget management
  - ✓ Risk assessment and mitigation planning
  - ✓ Alignment of IT infrastructure with business objectives
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## ▮ LANGUAGES & COMMUNICATION

- **English:** Fluent (Speak, Read, Write) – Professional proficiency, technical documentation
  - **Hindi:** Fluent (Speak, Read, Write) – Native language, communication with local teams
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## ▮ PROFESSIONAL REFERENCES

### Primary Reference:

#### Seema Surve

HR Manager, Chetas Control Systems Pvt. Ltd.

☎ +91 84466 73372 | ✉ [seemanjay2003@gmail.com](mailto:seemanjay2003@gmail.com)

*Relationship:* Direct Manager (Current Position – Sr. Network Admin)

### Secondary References:

*Available upon request – Previous managers from Affordable Robotic Automation and ICOM Industries*

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## ▮ CAREER OBJECTIVES & FUTURE DIRECTION

### Short-term Goals (Next 12 months):

- ✓ Complete AWS Solutions Architect Associate certification
- ✓ Implement Kubernetes/container orchestration in current infrastructure
- ✓ Achieve VMware certification (VCA-DCV)
- ✓ Lead infrastructure modernization project (cloud migration, automation)

### Medium-term Goals (2-3 years):

- ✓ Transition to **Cloud Solutions Architect** role
- ✓ Lead **Infrastructure as Code (IaC)** initiatives
- ✓ Manage **IT Operations** across enterprise organization
- ✓ Develop expertise in **Cybersecurity** and **Compliance**

### Long-term Vision (5+ years):

- ✓ **IT Infrastructure Manager/Director** overseeing enterprise IT strategy
  - ✓ **Cloud Architecture Leadership** for hybrid and multi-cloud environments
  - ✓ **Technology Consultant** advising organizations on infrastructure modernization
  - ✓ Thought leadership through speaking engagements and industry contributions
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## ▮ ADDITIONAL INFORMATION

### Professional Affiliations:

- Member of Indian IT Infrastructure Professional Network
- Active participant in technical forums and communities
- Continuous learner through online courses and certifications

### Technology Stack Summary:

**Platforms:** Windows Server, Linux/Ubuntu, AWS, VMware, Hyper-V

**Security:** Sophos, Fortigate, SSL/VPN, firewall administration

**Storage:** Synology NAS, SAN, backup software, disaster recovery

**Networking:** LAN/WAN, VLAN, routing, switching, VPN

**Cloud:** AWS EC2, S3, VPC, IAM, Route 53, CloudWatch

**Containerization:** Docker, Docker Compose, Nginx, Redis

**Hosting:** cPanel, Apache, Nginx, DNS, email services

**Automation:** CloudFormation, shell scripting, group policies

**Monitoring:** Windows Performance Monitor, CloudWatch, Zabbix, Nagios basics

### Areas of Interest:

- Cloud architecture and migration strategies
- Infrastructure automation and Infrastructure as Code (IaC)
- Cybersecurity and compliance frameworks
- Emerging technologies (Kubernetes, serverless computing)
- IT operational excellence and process improvement

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## ▮ AVAILABILITY

- **Notice Period:** 30 days (negotiable)
- **Availability for Joining:** Immediate or as per organization requirement
- **Work Arrangements:** Open to on-site, remote, and hybrid models
- **Relocation:** Open to relocation for right opportunity
- **Salary Expectations:** Competitive, based on role and organization profile

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## ▮ CONFIDENTIALITY & CONSENT

*This resume contains accurate and truthful information. All technical skills and experience have been personally verified. References available upon request. Background check and technical assessments welcomed.*

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*This premium resume is optimized for applicant tracking systems (ATS), recruiter review, and technical interviews. Suitable for submission to job portals, direct applications, and recruiter databases.*