



# Suvesh Sachan

**Experienced Architect with proven delivery in cloud-native and hybrid environments, seeking challenging leadership roles in network/cloud infrastructure and automation.**

📍 Delhi NCR, India | 📩 cciesuvesh@gmail.com | ☎ +91-9711178492

🔗 LinkedIn: [linkedin.com/in/suvesh-sachan](https://linkedin.com/in/suvesh-sachan) | 🌐 Portfolio: [suveshsachan.github.io](https://suveshsachan.github.io)

## Professional Summary

Innovative and results-oriented IT Architect with over 14 years of experience designing, implementing, and securing enterprise-grade and ISP-scale networks. Specialized in cloud-native infrastructure, network security, and automation. Proven ability to lead hybrid teams, streamline operations with Infrastructure as Code (Terraform), and drive cloud adoption across AWS and Azure platforms. Currently exploring AI-driven telemetry and automation solutions in network engineering.

## Core Competencies

- ❖ Networking: IP/MPLS, MPLS-TE, VPNs, SD-WAN, Cisco IOS/IOS-XE, ASR, CRS, Nexus
- ❖ Security: Cisco ASA/FWSM, Firepower, Checkpoint, Cisco ISE, VPN/IPsec
- ❖ Cloud Platforms: AWS (VPC, TGW, DX, Lambda), Azure (VNet, ExpressRoute)
- ❖ Automation & IaC: Python, Ansible, Terraform, Bash, Git
- ❖ Tools & Platforms: NetBox, Cisco Prime, DNA Center, Men & Mice IPAM
- ❖ Exploring: Docker, Kubernetes, LLM-based automation & telemetry

## Certifications

- ❖ CCIE Enterprise Infrastructure (CCIE#28696) – Cisco (10-Year Badge)
- ❖ Cisco Certified Specialist – Security Core, Firepower, SD-WAN, Enterprise Core
- ❖ CCNP Security | CCNP Enterprise | CCNA
- ❖ AWS Certified Solutions Architect – Associate (SAA-C01)
- ❖ AWS Certified Advanced Networking – Specialty (ANS-C01)
- ❖ HashiCorp Certified: Terraform Associate (003)
- ❖ Red Hat Certified Engineer & RHCSA (Expired)

## Professional Experience

Team/Tech Lead – Universal Technology Solutions / Manocha Tech Solutions

⌚ Feb 2015 – Present / Client: Allegiant Airlines

### Summary:

Leading hybrid cloud infrastructure and IT operations across 150+ airport sites and two enterprise-grade data centers. Responsible for network architecture, security posture, and automation initiatives across AWS, Azure, and on-prem environments.

### Key Responsibilities & Achievements:

- ◊ Led a team of 10+ engineers (on-site and remote) to manage IT operations and service delivery
- ◊ Designed and deployed scalable AWS infrastructure using Terraform; automated provisioning with Ansible and Python
- ◊ Integrated NetBox IPAM with persistent EFS storage and EC2-based self-healing mechanism
- ◊ Configured VRF-aware policy-based IPsec VPNs on Cisco IOS-XE for secure remote connectivity
- ◊ Migrated F5 LTM to Viprion in HA architecture, enhancing load balancing and redundancy
- ◊ Deployed hybrid cloud networking using AWS VPC, DX, TGW, and Azure VNet with ExpressRoute
- ◊ Automated DNS provisioning and monitoring integration using EC2 user data scripts
- ◊ Enforced security posture through monthly vulnerability scans and compliance audits

### Major Projects:

- **F5 Migration to Viprions** – Planned and executed high-availability LTM migration for core services
- **Cisco ISE Deployment** – Migrated from Microsoft NPS to Cisco ISE with full policy set replication
- **DMVPN WAN Redesign** – Converted 150+ P2P VPN remote sites to scalable DMVPN topology
- **SD-WAN Rollout** – Deployed Cisco SD-WAN with vManage, vSmart, and reusable config templates
- **AWS Direct Connect (2x10G)** – Implemented redundant DX links with route-based failover and automation

---

📞 Senior Customer Engineer – HCL Infosystems

⌚ May 2011 – Feb 2015 / Government, Defense, and ISP Projects

## **Summary:**

Delivered national-scale infrastructure projects involving secure MPLS backbones, ISP networks, and defense communication systems. Specialized in high-availability designs, zone-based architecture, and policy migration for mission-critical services.

## **Key Responsibilities & Achievements:**

- ❖ Developed HLD/LLD, IP schema, and UAT documentation for multiple public sector deployments
- ❖ Designed and deployed IP/MPLS architecture for data centers and WANs using Cisco ASR/CRS platforms
- ❖ Planned security zones (MZ, DMZ, WAN) and integrated Cisco ASA firewalls, ACS, and VRFs
- ❖ Led national network migrations for UIDAI, AFNET, and NGCN with minimal downtime

## **Major Projects:**

- ❖ **UIDAI Data Center Implementation** – Designed network, IP plan, cabling, and firewall deployment for Aadhaar DC
- ❖ **AFNET – Indian Air Force** – Integrated 100+ Air Force bases into MPLS-TE backbone using VRFs and BGP
- ❖ **DCN – Defense Communication Network** – Delivered tri-service secure DC-DR IP/MPLS architecture
- ❖ **NGCN – MTNL ISP** – Deployed next-gen MPLS core using ASR routers, ASA firewalls, and L2/L3 segmentation

## **Technical Skills**

- ❖ Routing/Switching: IOS/IOS-XE, ASR, Nexus
- ❖ Security: Cisco ASA, Firepower, ISE, Checkpoint
- ❖ Cloud: AWS (VPC, TGW, Lambda), Azure (ExpressRoute, VNets)
- ❖ Automation: Terraform, Ansible, Python, Bash
- ❖ IPAM & Tools: NetBox, Men & Mice, Cisco DNA, Prime
- ❖ Scripting: Shell, Git, GitHub
- ❖ Containers (Exploring): Docker, Kubernetes

## **Education**

- **B. Tech (Computer Science & Engineering)** completed in 2010 from ICFAI University, Dehradun with CGPA 7.02