

PRASANNA KUMAR

Network & Infrastructure Security Engineer

Chennai, Tamil Nadu | 9677216722 | prasannakumar6722@gmail.com | www.linkedin.com/in/r-prasanna-kumar-security

PROFESSIONAL SUMMARY

Network & Infrastructure Security Engineer with 3+ years of experience in firewall management, VPN deployment, network troubleshooting, and infrastructure support. Skilled in Fortinet security solutions, Cisco switching, IPSec/SSL VPNs, IDS/IPS, VLANs, routing protocols, and hybrid network environments. Hands-on experience with FortiGate, Active Directory, VMware ESXi, endpoint security, enterprise infrastructure operations, and environments aligned with ISO 27001 security practices and ITIL-based service management processes. Understanding of Microsoft Azure and Virtual Network concepts.

PROFESSIONAL EXPERIENCE

Corporate IT Administrator | Visual Sculptors

June 2024 - Present

- Security Architecture:** Assisted in monitoring and managing Fortinet firewall environments and security policies, designing 50+ security rules and implementing Zero Trust to improve overall network security posture while reducing unauthorized access risks.
- Secure Connectivity:** Engineered secure Site-to-Site IPsec VPN tunnels to connect 3+ branch offices to the core data center, ensuring 99.9% uptime for remote operation.
- Network Optimization:** Applied advanced routing concepts and switching principles to improve network performance and reduce latency.
- Threat Mitigation:** Managed Trellix EDR and ManageEngine to automate patch management and harden 250+ endpoints against modern cyber threats.
- Incident Response:** Assisted in troubleshooting network and connectivity issues in enterprise environments.

IT Support Technician | Visual Sculptors

April 2023 - June 2024

- Technical Support:** Delivered comprehensive hardware and network support, resolving connectivity issues and maintaining local office infrastructure while balancing a full-time academic schedule.
- Rapid Advancement:** Demonstrated strong technical aptitude, resulting in promotion to Corporate IT Administrator upon graduation.

TECHNICAL PROFICIENCIES

- Security & Governance:** Fortinet (FortiOS), Firewall Policy Management, SD-WAN, IPSec VPN, SSL VPN, IDS/IPS, NAT, Zero Trust Security, ISO 27001 (ISMS) Awareness, ITIL Service Management Concepts, Change Management, Incident Management
- Networking:** TCP/IP, OSPF, BGP, VLAN, STP, EtherChannel, HSRP, WAN Technologies, Network Troubleshooting
- Endpoint & Systems:** Endpoint Management, Windows Server Hardening, Active Directory, Patch Management,
- Tools:** OpUtils, Wireshark, Nmap, Trellix EDR, ManageEngine Endpoint Central, AD Self service Plus, GNS3, VMware ESXi.

EDUCATION

B.Tech EEE, SRM Institute of Science and Technology

April 2021 – April 2024

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- FortiGate 7.6 Operator
- Fortinet NSE 3 Certified in Cybersecurity
- CCNA Networking Fundamentals & Practical Implementation
- CCNP Enterprise Advanced Networking Concepts & Implementation

PROJECTS / HOME LAB

Enterprise Security Simulation (VMware ESXi / FortiGate VM)

- Designed a simulated enterprise network using VMware ESXi and FortiGate
- Implemented SSL VPN, VLAN segmentation, and firewall policies
- Configured OSPF and BGP for routing and failover scenarios