NITINCHAUHAN

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Portfolio Website:
https://insidescripted.github.io/nitin.index/
Github: https://github.com/insidescripted
Publications:
https://ieeexplore.ieee.org/abstract/document/9182089

EDUCATION

Sarawati Vidya Mandir, UK
SSC, 90% (9.4 CGPA)

Sarawati Vidya Mandir, UK
HSC, 85% (PCM)

SRM Institute of Science and Technology, TN
Batch: 2016-2020
B.Tech (ECE), 85.64% (8.24 CGPA)

SKILLS

HARD SKILLS

· Network Incident and Change Management
· Network Security
· Cloud Security
· Network Integration Management
· Network Automation

TECHNICAL SKILLS

· IP Data Layer 2 & 3 Networks (LAN/WAN), OSI Model, IPv4/ IPv6, FTP, SMTP

· TCP/IP, UDP, HTTP/HTTPS, DNS, DHCP, ARP IP-SUBNETTING, SSL, TLS, DTLS, PPPoE

· NAT/PAT, CDP/LLDP, PPP/HDLC

· **Routing Protocols:** EIGRP, OSPF, BGP, MP-BGP, BFD

· ROUTE MAP, ACL, CoPP, SPAN, RSPAN, ERSPAN

· INTER-VLAN ROUTING, 802.1Q/ISL

· **Switching:** STP, RSTP, MSTP, STP PROTECTION, VLAN, DTP, VTP, HSRP, VRRP, GLBP

· ETHERNET CHANNEL L2&L3, PAGP, LACP

· IP MPLS-VPN Services, VRF

· **VPN:** GRE, DM-VPN, IPSEC

· IP-SLA, RMON, NetFlow, NTOP, QoS

· **Software Defined Networks:** Cisco & Viptela SD-WAN

· Firewalls: Cisco FTD, Cisco FMC, Cisco ASA, Cisco Firepower, Cisco NGFW Technology, AAA, Zscaler Cloud Firewall

· Linux, Python, Bash, PowerShell, Azure, AWS

· **Working with Softwares:** PRTG (Network Monitoring Tool)

· SOLAR-PuTTY, CISCO PACKET TRACER, EVE-NG, GNS3, WIRESHARK, TCPDUMP, WinMTR, Fiddler, Zscaler Analyser, Packet Sender, VPN Access Manager, IIS

· Zscaler Client Connector, Zscaler Traffic Forwarding, & Authentication (SAML, Kerberos, HostedDB, AD, LDAP), Policy (URL Filtering, Cloud App Control, SSL Inspection, Bandwidth Control, DLP), IDS/IPS

SOFT SKILLS

· Strong Communication skills
· Troubleshooting
· Problem-Solving
· Customer Support and Escalations

NITIN CHAUHAN
Technical Consulting Engineer II-Security

• 2.5+ Years of work experience in Network Security, Cloud Security, Routing, and Switching. Open-minded to learning new technologies quickly and contributing to the organization's success.
• Knowledgeable and Qualified skilled at Configuring and Maintaining Enterprise Communication Networks. Adept at Monitoring Network Performance, Supporting Network Operations, and troubleshooting complex Network issues.

EXPERIENCE

CISCO　　　　　　　　　　　　　　　　　　　　　**Bengaluru**
Technical Consulting Engineer II-Security　　　**02/2023 – Present**
• TAC-II Engineer, Supported Cisco Products and technologies such as Cisco FTD, Cisco FMC, Cisco ASA, Cisco Firepower, Cisco NGFW Technology, AAA, and Virtual Private Networks (VPN).
• Working on Cloud Platforms like AWS, and Azure.
• Working with Cisco Premium Customers.
• Working with IFT (Internal Field Testing) team to identify bugs in the beta build.
• Advocating solutions and services to customers in different technologies and platforms to expertly manage their networks.
• Responsible for providing proactive networking solutions to prominent service providers in the APJC region.
• Coordinated and executed the cutover to production.
• Coordinating with the business units and engineering teams to help improve the products.
• Innovating new ideas and ways to secure networks better in upcoming security products from Cisco.
　Skills: Cisco FTD · Cisco FMC · Cisco ASA · Cisco Firepower · Cisco NGFW Technology · AAA · Virtual Private Network (VPN) · Network Troubleshooting · Firewalls

Zscaler　　　　　　　　　　　　　　　　　　　　**Hyderabad**
Cloud Security Engineer II　　　　　　　　　　**07/2022 – 02/2023**
• TAC-II Engineer, Zscaler Cloud Security. Cloud IDS/IPS, Cloud DLP, Cloud Firewall, Secure Web Gateways, Zero Trust Network Access, and Secure Access Service Edge.
• Zscaler Client Connector, Zscaler Traffic Forwarding, and Authentication (SAML, Kerberos, HostedDB, AD, LDAP).
• Policy (URL Filtering, Cloud App Control, TLS/SSL Inspection, Bandwidth Control, DLP), Network Protocol Analyzers (tcpdump, Wireshark), VPNs, Firewall, IDS/IPS IIS Web Server administration.
• Expert knowledge of protocols such as HTTP, SMTP, FTP, DNS, etc
• Providing technical assistance by directly interacting with global customers who own Zscaler's Cloud Proxy Products.
• Troubleshooting complex network issues and engaging with multiple teams to provide an appropriate and speedy resolution to the customers.
• Supporting customers in product deployment/migration activities.
• Troubleshoot and resolved the GRE/IPSec Tunnel, Latency, Firewal, Data Centers, and reachability issues through Wireshark, Fiddler, WinMTR, Zscaler Analyser, Packet Sender, and VPN Access Manager. Analyse Customer logs through Jump Servers.
　Skills: Zscaler Cloud Security · Security Information and Event Management (SIEM) · Network Troubleshooting · Firewalls

Orange　　　　　　　　　　　　　　　　　　　　**Gurgaon**
Network Development Engineer　　　　　　　　**07/2021 – 07/2022**
• Responsible for network integration, implementation, and operations of small, mid-level & large enterprise architecture.
• Troubleshooting WAN link-related issues in MPLS Network like Link Failure, Configurations Mismatch, Latency, Packet drops.
• Responsible to establish the connectivity between PE to CE by using various media types like PPP lease lines, Fast/Gigabit Ethernet, and Routing Protocols like BGP, RIP, and OSPF.
• Deploy SD-WAN controllers - with vManage, vSmart controllers, and the vBond.
• Edge devices (cEdge & vEdge) routing Configurations.
• Onboarding cEdge & vEdge on vManage.
• Configure the Centralized policy & localized policy through vManage.
• Clean up the router configurations from PE & CE Routers.
• Work closely with the Automation team to implement the PE & CE clean-up activity using XCONF.
• For complex changes liaise with the correct entity to get the change implemented in the agreed time as per SLA with the Customer.
• Scale systems sustainably through tools and automation, and evolve systems by driving change that improves reliability and velocity.
　Skills: Routing and Switching · Network Troubleshooting · SD-WAN · Multiprotocol Label Switching (MPLS)

Wipro　　　　　　　　　　　　　　　　　　　　**Gurugaon**
Network Development Engineer　　　　　　　　**09/2020 – 06/2021**
• Proactive monitoring of MPLS links and provide end to end support to customers till resolution.
• Configure, and verify Interswitch connectivity forms trunk ports, add and remove VLANs on a trunk, DTP, VTP (v1&v2), and 802.1Q, native VLAN.
• Responsible for backhaul readiness by configuring involved core/access network devices as per required services configurations, providing remote support to FE for configuring the network devices.
• Configure, and verify VLANs (normal/extended range).
• Configure, and verify the inter-VLAN routing router on a stick, GRE, and IPSEC tunnel.
• Involved in operations activities by providing timely support to resolve the reported issues within a defined SLA.
• Work with other team members to analyze requirements or potential problems and proactively develop solutions and policy recommendations.
• Handled 24x7 global network and telecom operations of our client Cairn Oil and Gas.
• Worked closely with different international ISP like (OBS, BT, Colt, Sonema, AT&T etc.) for quicker resolutions of issues of WAN and MAN links.
• Worked on ticketing tool for incident, Request & Change management Tasks.
　Skills: Network Operations Center (NOC) · Network Incident Management · Network Change Management · Routing and Switching · Network Troubleshooting

Coding Ninjas   **New Delhi**
Engineering Intern   **03/2020 –06/2020**
· Assisted 80+ students in learning Data Structures, Algorithms, Cloud Security, Routing and Switching.
· Debugged codes and helped students with their assignments and projects.
· Took doubt sessions and resolved more than 1500+ doubts with a rating of 4.5+/5.

Career Development of Advanced Computing, CDAC   **Mohali**
Engineering Intern   **06/2018 –07/2018**
· I have done my internship in microcontroller LPC2148 programming & Interfacing techniques from the center for the development of advanced computing, Mohali.
· Worked on various interfacing techniques i.e, GSM, GPS, keypad, LCD.

IIT Roorkee   **Roorkee**
Engineering Intern   **12/–01/2018**
· I have done my internship in the field of quantum computing at IIT-R held by the Global Initiative of Academic Networks (GIAN).
· Worked on Circuit Simulation and Implementations.

PUBLICATIONS

Modulation Classifier for PrimaryUser Detection   **IEEE, 07/2020**
Neural Networks, MATLAB
· This is my first ever Research Paper. The main purpose of implementing the Modulation Classification Algorithm is to identify the existence of a signal at a given location and time.
· This system will classify the type of modulation and hence detect the presence of the primary user for an efficient system.
· Modulation Classification can be applied as the vital principle in this article to identify the particular primary user radio type.
· Nobel method to classify incoming Network Signals

CERTIFICATIONS

Zscaler
  · Zscaler Certified Cloud Administrator - Internet Access (ZCCA-IA)
  · Zscaler Certified Cloud Professional - Internet Access (ZCCA-IA)
  · Zscaler Certified Cloud Solution Architect (ZCSA)
  · Zscaler Certified Cloud TAC Associate - Internet Access (ZCCA-IA)
  · Zscaler Certified Deployment Specialist (ZCDS)
  · ZCCA-IA Security Specialist (Security Essentials)
  · Zscaler Zero Trust Architecture Standard (ZTAS-IA)
  · Zscaler Zero Trust Certified Architect (ZTCA-IA)
  · Zscaler Cloud Certified Administrator - Zscaler Digital Experience (ZCCA-ZDX)
  · Zscaler Certified TAC Associate - Private Access (ZCTA-PA)

Fortinet
  · NSE 1 Network Security Associate
  · NSE 2 Network Security Associate
  · NSE 3 Network Security Associate

Cisco
  · Cisco Certified Network Associate Routing and Switching (CCNA-RS)
  · Cisco Certified Network Professional Routing & Switching (CCNP-RS)
  · Cisco Certified Inter Network Expert Routing and Switching (CCIE-RS)

Red Hat
  · Red Hat Certified System Administrator - Linux 7 (Red Hat-RHCSA)