

## NITIN CHAUHAN

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**LinkedIn:** <https://www.linkedin.com/in/nitin-chauhan-1a5478155/>

### 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, RSVP-TE, FRR
- **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, Zscaler Cloud Firewall.
- **AAA:** ISE, Active Directory, TACACS+, RADIUS, Network Policy Server (NPS), User Agents
- Linux, Python, Bash, PowerShell, Azure, AWS
- **Working with Software:** 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

## NITIN CHAUHAN

### Technical Consulting Engineer II-Security

- 04 Years of work experience in Network Security, Cloud Security, Routing, and Switching. Open-minded to learning new technologies quickly and making meaningful contributions to the organization's and team's success.
- Knowledgeable and Qualified skilled at Configuring and Maintaining Enterprise Communication Networks. Adept at Monitoring Network Performance, Supporting Network Operations, and troubleshooting the most complex network issues.

## EXPERIENCE

### CISCO

#### Technical Consulting Engineer II-Security

**Bengaluru**

**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).
- 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, and responsible for coordinating/driving customer technical issues with cross-functional teams TAC/BU/Engineering.
- Coordinated and executed the cutover to production and working on Cloud Platforms like AWS, and Azure.
- Coordinating with the business units and engineering teams to help improve the products by creating product enhancement bugs.
- Working with IFT (Internal Field Testing) team to identify bugs in the beta build to improve the overall products.
- Working with Cisco Premium Customers in the APJC region.
- Innovating new ideas and ways to secure networks better in upcoming security products from Cisco.
- **Skills:** Cisco FTD · Cisco FMC · Cisco ASA · AAA · ISE · Active Directory · TACACS+ · RADIUS · Network Policy Server (NPS) · User Agents · Virtual Private Network (VPN) · Network Troubleshooting · Network NGFW Firewalls

### Zscaler

#### Cloud Security Engineer II

**Hyderabad**

**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, Firewall, 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

#### Network Development Engineer

**Gurgaon**

**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 Networks like Link Failure, configuration mismatches, Latency, and Packet drops.
- Responsible for establishing 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, Clean up the router configurations from PE & CE Routers.
- Onboarding cEdge & vEdge on vManage, configuring the Centralized policy & localized policy through vManage.
- 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

#### Network Development Engineer

**Gurugan**

**09/2020 – 06/2021**

- Proactive monitoring of MPLS links and support end-to-end to customers to resolve the issues at the earliest.
- 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 service configuration, and 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. Worked on ticketing tool for incident, Request & Change management Tasks.
- Work with other team members to analyse 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 ISPs like (OBS, BT, Colt, Sonema, AT&T etc.) for quicker resolutions of issues of WAN and MAN links.
- **Skills:** Network Troubleshooting · Network Operations Center (NOC) · Network Incident Management · Network Change Management · Routing and Switching

## SOFT SKILLS

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

## LANGUAGES

- Hindi, English (Professional proficiency)

## 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 at the Centre for the Development of Advanced Computing, Mohali.
- Worked on various interfacing techniques i.e., GSM, GPS, keypad, LCD.

## IIT Roorkee

Roorkee

### Engineering Inter

12/2017– 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 Primary User 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)