



# Vishnu Indusekharan

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## Profile

Network Engineer having 8 years of experience with expertise in Routing & Switching, Service Provider, Security and Automation. Possessing effective organisational skills and excellent working knowledge of networking technologies and having a commitment to keep up to date with the latest developments.

## Certificates

<b>CCIE SP #62851</b>	<b>Cisco Devnet Associate</b>	<b>CCNA R&amp;S</b>
<b>CCNA Security</b>	<b>CCNP Enterprise</b>	<b>JNCIA</b>
<b>Understanding and Visualizing Data with Python</b>	<b>Cisco Specialist x 3</b> <i>IOS-XR, Service Provider, Enterprise</i>	

## Skills

<b>Routing</b> <i>Static, RIP, OSPF, BGP, PFRv3, LISP</i>	<b>Switching</b> <i>VTP, DTP, RSTP, PVST, MSTP, PAGP, LACP</i>	<b>Service Provider</b> <i>MPLS, RSVP TE, L3VPN, L2VPN, Inter-AS, ISG, BNG, Segment Routing, BGP LS</i>
<b>Security</b> <i>ACL, ZBF, IPSEC, ASA, Snooping, URPF, DMVPN, AAA, RADIUS, ACS</i>	<b>WAN</b> <i>L2TPv2, VPDN, E1/T1, PPPoE, DSL, CEM, 3G/4G, QOS</i>	<b>Platform</b> <i>Cisco, Juniper, Arista, Sonic</i>
<b>Multicast</b> <i>PIM, Auto-RP, BSR, MLDP, IGMP</i>	<b>Development</b> <i>Python, HTML, Linux, Git</i>	<b>General</b> <i>OSI, TCP/IP, DNS, DHCP, ARP, NAT, IPV4, IPV6</i>

## Professional Experience

06/2022 – present  
London,  
United Kingdom

### **Network Development Engineer II**, Amazon Web Services

- Build, Design, and Optimize large-scale WAN network connecting DCs across the world.
- Define and execute network solution testing.
- Develop, deploy, test, and support network automation
- Many more things which is under NDA

04/2021 – 05/2022

Hyderabad

**Network Service Engineer II, Microsoft**

- Build, Design, Operate and Optimize large-scale WAN network connecting DCs across the world.
- Define and execute network solution testing.
- Develop, deploy, test, and support network automation using Python
- Perform Direct Responsible Individual (DRI) for end-to-end service support. On-call rotation with team members providing high severity incident support as needed, 12x7.

01/2018 – 03/2021

Bangalore

**Technical Consulting Engineer, Cisco Systems**

- Handles high severity issues of Cisco customers across globe related to below technology.
  - Routing: EIGRP, BGP, OSPF, ISIS, NAT, HSRP, PBR, Multicast
  - SP: MPLS, L2VPN, L3VPN, PFR, LISP
  - WAN: ISG, BNG, L2TP/VPDN, CEM, PPP, DSL, ISDN, T1/E1, 3G/4G
  - Others: AAA, DHCP, RADIUS, TACACS+
- Involved in creating multiple Python based applications to automate the analysis of logs and debugs.
- Recreates complex customer issues in cisco labs and work with DE team for fix
- Mentor Junior Engineers and act as escalation for WAN technologies.

10/2016 – 10/2017

Bangalore

**Network Engineer, USEReady Technologies (Client - City Bank)**

- Performing installation and configuration migration and up-gradation of Cisco devices.
- Working on End-of-Life hardware upgrades on head end and remote end devices.
- Implementing configurations and implementation instructions into Client's change management system and ensure that all approvals and processes are adhered to compliant with Audit.
- As part of new design, providing network related configuration to the firewall and load-balancer teams for implementation.

07/2015 – 10/2016

Bangalore

**Tier-2 Network Engineer, STS Infotechnologies (Client : Cisco Systems)**

- Support for network related issues in Cisco sites and Cisco partner sites.
- Identify, troubleshoot and resolve LAN/WAN and Wireless network issues in window time.
- Implement new network as per the client requirement.
- Configuring the Cisco Switches with proper VLANs, data and voice.
- Configuring Cisco ASA Firewall (NAT RULES, BGP, ACL RULES)
- Hands on Experience on Default, Static, EIGRP, BGP routing protocols and ACL, NAT, HSRP.
- Hands on experience of Layer 2 protocols such as, STP, VTP, VLAN, Inter VLAN routing, Trunks, Port-Channel.

07/2014 – 05/2015

Trivandrum

**Network Engineer, Maclink**

- Configuring and troubleshooting various networking devices including Routers and Switches.
- Maintenance of Network, Day to day troubleshooting
- Troubleshooting network & hardware problems.
- Monitoring WAN links
- Upgradation of IOS

## Education

2010 – 2014  
Trivandrum

**B-Tech ECE (Dropout),** *Kerala University*

2008 – 2010  
Idukki

**Master Diploma in Multimedia and Animation,** *G-Tech*  
18 Months diploma

2008 – 2010  
Idukki

**Higher Secondary Education,** *Board of HSE, Kerala*

## Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.



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**Vishnu Indusekharan**  
London