

Soham Deshpande

Network Engineering And Automation

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Results-driven Network Engineer with 10+ years of expertise deploying and maintaining LAN and WAN infrastructure via automation. Dedicated technology professional with strong track record of accurately conducting system repairs and troubleshooting. Offering exemplary planning, project management and communication talents. Forward-thinking Network Engineer specializes in adapting business networks to emerging work realities. Provides secure connectivity for dispersed and cloud-based workforces through careful implementation with help of automation. Builds large-scale, flexible networks designed to adapt to changing global business realities.

Experience in OSPF, EIGRP, HSRP, RIP, BGP. Also Python & Ansible playbook for network automation. Holding experience of python scripting & Terraform for cloud deployments. Adept at mapping client's requirements, custom designing solutions & troubleshooting for complex IT/ networking related problems.

Skills

Routing protocol expertise	<div><div></div></div>	Excellent
Automation proficiency	<div><div></div></div>	Very Good
Python	<div><div></div></div>	Very Good
Cloud services	<div><div></div></div>	Good
Agile	<div><div></div></div>	Average

Work History

2019-01 - Current

Associate Manager

Accenture India, Pune, MH

- Reviewed internal systems and organized training plans to address areas in need of improvement.
- Developing in house python based end to end automation tool with complete Agile methodology.
- Managing core network, peering and transit, CDN network.

- Devices are Cisco NCS5K, 6K, ASR9K, 1K, Nokia7750, Nexus 5K and catalyst switches
- Protocols are ISIS, BGP, MPLS, LDP.
- Network automation tasks like OpenNebula VM create automation using python.
- Network task automation like log collection of multiple devices using python.
- Creating implementation plan and service now ticket using python REST API and python, jinja2.
- Worked on network automation orchestration using netconf for Nokia and Cisco devices.
- Compiled research data and gave professional presentations highlighting finds and recommended optimizations
- Conducted thorough reviews of operations to devise and deploy improvement strategies

2017-01 - 2018-12

Network Engineer

Infinity Labs, Pune, MH

- Expertise in Corporate LAN/WAN administration.
- Ability to effectively implement and troubleshoot multiple IP routing protocols: RIP, IGRP, EIGRP, OSPF, BGP,.
- Cisco routers: IOS , IOS-XE, IOS-XR, NXOS
- Design, implementation, configuration of ASR9000/900 series routers.
- Integration and MPLS (L2VPN/L3VPN/Telecom) services migration on Cisco ASR routers.
- Configuration of OSPF, ISIS, BGP-LU, MPLS, L3VPN, L2VPN, FRR, VRRP on IOS, IOS-XE, IOS-XR routers.
- Perform network AT for integrated devices in network.
- Preparation of service configuration for migration from IOS-XR to IOS-XE or vice-versa.
- Perform IOS upgrade for Cisco IOS, IOS-XE, IOS-XR routers using traditional and ISSU process.
- Provisioning of AWS EC2, S3 bucket, IAM using Terraform library.
- Provisioning of network device using Ansible playbook.
- Provisioning with orchestration using python scripting and Git, Git hub.
- Provided detailed network diagrams, process flow charts and procedural guidelines.
- Managed, tracked and coordinated problem resolution and escalation processes.
- Initiated and managed network test facilities to verify network hardness and resilience

2015-12 - 2016-12

Information Technology Associate

Tata Consultancy Services, Northern Trust, Pune, MH

- As day to day activity involves work on Critical site Network failure incident for Major Network outages to join Bridge and resolve issue.
- Provide alternative solutions as Break fix.
- Follow standard change process and implement changes for Cisco Routers/switches, WAN optimizer, Nexus switches for Data center and.
- Routing changes to mitigate network problem.
- Provide SME support for multiple Technologies like WAN optimizer-SH,F5 load balancer ,WAN Routers ,core switches and Data Center.
- Devices -N7K,5K.
- Provide Technical Support to L1 and L2 Team in Network outages, review implementation plan and suggest for modification.
- Set up network drives to allow staff to share and access files.
- Developed training materials and procedures and trained users in proper use of hardware and software.

2015-03 - 2015-11

Configuration Specialist

Nokia Solutions And Networks, Pune, MH

- Carried out day-to-day duties accurately and efficiently.
- Worked flexible hours; night, weekend, and holiday shifts.
- Configured MPLS services for enterprise customers
- Provisioning and making changes on Vodafone MPLS and internet customers.
- Configuring L2VPN and L3VPN for Vodafone captive customers.
- ASR migration done from Cisco 72xx series, configured IS-IS and migrated TE tunnel to new ASR router.

2014-02 - 2015-03

Senior Network Engineer

Wipro Infotech, Pune, MH

- Working for Vodafone India Ltd as configuration specialist.
- Configuring MPLS, VPLS and Internet configuration for enterprise customers.
- Provisioning and making changes on Vodafone MPLS and internet customers.
- Configuring Node B links for Vodafone.
- Configuring LBS, Location based service VRFs.
- Configuring L2VPN and L3VPN for Vodafone captive customers.
- Configure 3GDT VRF for various circles.
- Migration done for various routers like Cisco ASR, Juniper to Vodafone MPLS network.
- ASR migration done from Cisco 72xx series, configured IS-IS and migrated TE tunnel to new ASR router.
- Role : Configuration Specialist – CE PE configuration.

2010-08 - 2014-02

Network Engineer

Wipro Infotech, Pune, MH

- Working for BT as Complex Configuration Specialist – PE-CE configurations.

- Complex customers include sensitive financial customers of British Telecom around globe (Thomson Reuters, banks, stock markets, financial institutions etc.).
- Performed successful changes on BT Global MPLS Network and its finance vertical customer's network.
- Providing PE support for any manual configuration changes required on PE router.
- Provisioning/Amending of New/Existing orders raised by order managers.
- Understanding customer requirements and its validation.
- Co-ordination with order managers for validation of order/service details.
- Building and deploying PE-CE router configuration, Test & Turn-up, Logical Amend activities as per order/service requirements.
- Troubleshooting and rectifying PE-CE issues occurred till order is ready for service.
- Providing root cause analysis of fault tickets booked.
- Hands on configuration experience over NAT, Access-list Security, HSRP, BGP.
- Working with various tools for ensuring end to end Process is followed till order is handover to operations team.

2009-05 - 2010-08

Network Engineer

TechMahindra Ltd, Halifax Bank of Scotland, Pune, MH

- Name: Network Implementation, Monitoring & Troubleshooting Roles and Responsibilities:.
- Manage and troubleshoot Network issues - LAN and WAN.
- Continuously monitor network for link related issues.
- Manage and troubleshoot RAS broadband issues for End-users.
- Do necessary upgrade of Hardware and IOS at certain sites those needs to be migrated to meet customer requirements.
- Manage dispatch for hardware upgrade.

Education

2004-06 - 2008-06

Bachelor of Engineering: Electronics

KIT's College of Engineering - Kolhapur

Certifications

Cisco DevNet Associate