



**Jagdeep Singh**

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## Roles and Responsibilities

### Amazon Web Services (AWS)

- Proficient in managing production servers on AWS EC2 with automation of deployment of applications and codes for 200+ applications on various production server.
- Creates templates to describe the AWS resources, and any associated dependencies or runtime parameters, required to run the application.
- Created Automation through GIT using Code Deploy and Code Pipeline.
- Creating/Managing DNS records on Amazon Route 53 and go-daddy panel, interserver panel etc.
- Physical server to virtual server creation and migration of local server to AWS EC2.
- Hands on experience in AWS environment, including VPC, EC2, EBS, S3, RDS, Load balancer, Auto scaling, Cloud Formation, Lambda.
- Setup/Managing CDN on Amazon Cloud Front (Origin Path: Server / S3) to improve the site
- Configured S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS) Creating AWS Instances and Resources Bills.
- Maintained the monitoring and alerting of production and corporate servers using CloudWatch service.
- Experienced in creating multiple VPC's and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
- Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application.
- Managed Git Hub repositories and permissions, including branching and tagging and deployment on servers via connecting GIT repositories with servers.
- Automated deployments for 200+ domains and applications on cloud servers and S3 static website hosting using Capistrano and AWS CLI.
- AWS Provisioning & Account Management with IAM
- Hands-on experience on APACHE, Nginx, MySQL database.
- Hands on experience on Linux server, Apache, Nginx, MySQL, PHP, and SSL installation and configuration
- Installed SSL Certificates on 200+ production domains hosted on Linux Apache2, Nginx web servers, and S3 website hosting.

### Network Administration



- Hands on Experience in routing protocols like, EIGRP, OSPF, BGP, and MPLS.
- Analysed LAN/WAN to determine network performance problems. Provided solutions, and documentation.
- Configuring IGP (EIGRP, OSPF and BGP) inside the core network as well as with the Customer's Edge routers.
- Configuring LDP inside the Core Network.
- Creating VRF to dividing the customer's routes and Tagging using Route Distinguisher and for importing exporting the routes using Route Target.
- Configuring VPN v4 peering between provider routers.

- Configuring and troubleshooting layer 2 & 3 Devices (CISCO-2950-3550-3750-SG300, ASR903, ASR920, ASR9K, 7604, 7603, 6524, Huawei), OLT, ONU, and ONT on the client network.

## Experience

	<b>Cloud Support Senior Analyst</b> Accenture Technology Business (Gurgaon, India)	Sep 2021 – Present
	<b>Executive - Network</b> Bharti Airtel Limited (Gurgaon, India)	Nov 2019 – Aug 2021
	<b>Network Engineer</b> Excitel Broadband Pvt Ltd (New Delhi, India)	Feb 2019 – Aug 2019
	<b>Network and System Administrator</b> Bravvura and Munch Ado (Gurgaon)	Feb 2016 – Jan 2019

## Education

	<b>Lovely Professional University</b> Master of Science in Information Technology (Distance Education)	July 2017 – July 2019
	<b>Punjab Technical University</b> BSc. In Information Technology	July 2013 - July 2016

## Licenses & Certifications

	<b>Zscaler Certified Cloud Administrator - Internet Access (ZCCA-IA)</b> Zscaler. Issued Jan 2022 – Expires Jan 2024 (Credential ID: 06d0a29d-a97b-49eb-89b1-df22462a8e74)
	<b>AWS Certified SysOps Administrator - Associate</b> Amazon Web Services. Issued Dec 2021 – Expires Dec 2024 (Credential ID: JY3RJQ4JN2V41E5Y)
	<b>AWS Certified Solutions Architect - Associate</b> Amazon Web Services. Issued Feb 2021 – Expires Feb 2024 (Credential ID: W5QVLNFBDBE4Q93S)
	<b>Aviatrix Certified Engineer - Multi-Cloud Network Associate</b> Aviatrix Systems, Inc. Issued Aug 2020 – Expires Aug 2023 (Credential ID: 2020-3571)



### **Certified Network Security Specialist (CNSS)**

ICSI (International Cyber Security Institute), UK

Issued Aug 2020 – No Expiration (Credential ID: 18290445)



### **NSE 1 Network Security Associate**

Fortinet

Issued May 2020 – Expires May 2022 (Credential ID: kGQdiKwo5W)



### **NSE 2 Network Security Associate**

Fortinet

Issued May 2020 – Expires May 2022 (Credential ID: B2VkQCXcke)

## **Skills**



Docker • Python Scripting • Amazon Web Services (AWS) • MCITP • Red Hat Certified Engineer (RHCE) • EIGRP • Open Shortest Path First (OSPF) • Border Gateway Protocol (BGP) • MPLS • Jenkins • GitHub • • Open Day Light (ODL) • STP • Cisco Routing & Switching • Cyberoam • SD-WAN

## **Declaration**

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date:

Place:

Jagdeep Singh