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Aryan Rai (IT Infra – Network)

PROFILE SUMMARY

Result-driven IT engineer with 4 years of experience in network configuration & troubleshooting. Skilled in network design, network security, routing and optimizing performance. Have great passion for Linux, Open Source networking tools.

OBJECTIVE

To express happiness through my work that will allow me to utilize my skills, experience and goodwill in making an organization successful and career growth.

SKILLS & ABILITIES

Technical Skills

- **Pf Sense** & FortiGate Firewall
- OSI & TCP/IP Model, MPLS, SD-Wan, Subnetting, NAT, Proxy, SNMP, IOS
- **PowerShell 7.0**, Ubuntu & Kali Linux, Putty, WinSCP, OpManager, Zabbix, Nagios, NMap
- Ticketing tools (Manage Engine Service Desk) (Custom IT Help-Desk portal)
- Wireless Network foot printing, WiFi Pen-testing and vulnerability Assessment, Port Security
- Network Cabling (ethernet & fiber), RJ45 Connector & I/O box punching, Server Rack set-up, patch panel, cable manager,
- Troubleshooting & Configuration Documentation, IT Asset inventory
- **AI Tools** : ChatGPT, Google Gemini, Perplexcity
- **Switching** : RSTP, Etherchannel, Vlan, Inter-Vlan routing
- **Routing** : RIP, OSPF, BGP
- Cisco SG350, Cisco Access Point & Meraki
- **Firewall**: Interface & Gateway configuration, High Availability, VPN Server, Captive Portal, DNS & DHCP Server, Access Control List (ACL)
- SFP fiber module, ONT
- **Cloud & Virtualization**: Google Cloud Platform(GCP), VMware, VirtualBox, GNS3, Packet Tracer
- **Root Cause Analysis (RCA)**: Skilled in diagnosing and resolving multi-layer network outages with structured RCA methodologies.
- **Performance Tuning**: Ability to optimize network throughput, latency, and jitter using advanced diagnostic tools and techniques.
- **Capacity Planning**: Proficiency in forecasting network growth and implementing scalable solutions based on traffic analysis.
- **QoS Optimization**: Advanced configuration of Quality of Service policies for latency-sensitive applications (e.g., VoIP, video streaming).

Soft Skills

- Better Time Management
- Active Listening and consideration for others
- Quick decision making skills

- Corrective and Preventive action planning and implementation
- Ability to constantly **learn new skills** and awareness to new challenges
- **Remarkable ability to focus on one thing for long time**

Experience

Network Security Engineer at MapleCloud Technologies, Noida

01/07/2025 to Present

Firewall compliance, Network Infra Diagram, Firewall & Switches implementation and configuration

System Engineer at Dainik Bhaskar, Bhopal

01/04/2024 to 19/06/2025

Network troubleshooting, Pan-India Links monitoring, Help Desk Support, VPN configuration, Windows Troubleshooting

Network Engineer at Ruchi Printers PVT LTD, Govindpura, Bhopal

02/05/2022 to 16/02/2024

Mailing, managing and updating IT assets data in google sheet, User support, Laptop, Desktop, Printer, Firewall, Router, Switches, Server room Configuration & Maintenance

EDUCATION

❖ B. Tech (COMPUTER SCIENCE)

Moradabad College of Engineering & Technology (2019-20)

❖ 12th (PCM)

Council for Secondary Education Uttar Pradesh (2015-16)

❖ 10th(Higher Mathematics)

UP board Uttar Pradesh (2013-14)

CERTIFICATIONS

❖ Google IT Support Professional Certificate

Coursera – 04/2023

❖ CCNA course (Learn Vern – 10/2024)

❖ Ethical Hacking Essentials (EC-Council), Python (AiforTechies) – 2025-26

COMMUNICATION

Hindi (Read, Write and Speak) Fluent

English (Read, Write and Speak) Intermediate

HOBBIES New Tech exploration, Engineering Psychology, Digital Physics, Digital Privacy & Citizen Rights Open Source, Digital Well-Being, Human Consciousness, Yoga, Exercise, Book reading

Projects Fortigate lab in Hyper-V with LDAP-Server, Site to Site VPN via IPSec in PfSense
Zabbix Configuration from scratch with MySQL, Vlan labs in GNS3 with help of Qemu

Forums and Communities Null Community, Internet Engineering Task Force (IETF), APNIC Community, Internet Society, IEEE Technical Community, Indian Cyber Army

Social Media

LinkedIn : <https://www.linkedin.com/in/aryanrai256>

GitHub : <https://github.com/aryanrai256>

NE Stack Exchange :

<https://www.networkengineering.stackexchange.com/user/801812/aryan-rai>