

Murugan P S

System Engineer

Technical Competencies

- Network Fundamentals: Understanding of network protocols, devices, and architectures.
- Network Design and Implementation: Ability to design, implement, and troubleshoot networks.
- Network Security: Knowledge of network security principles, threats, and countermeasures.
- Network Troubleshooting: Ability to identify, analyze, and resolve network problems.
- Operating System Administration: Understanding of Windows 7, 8, 10 & 11.

Software and Hardware Competencies

- Router and Switch Configuration: Ability to configure and manage routers and switches.
- Firewall Configuration and Management: Knowledge of firewall configuration, management, and troubleshooting.
- Virtual Private Network (VPN) Configuration: Ability to configure and manage VPNs.
- Network: knowledge on DHCP, DNS NAT, ACL, LAN/WAN, AD concept, Subnetting, VLAN, Trunk, STP, RIP, EIGRP & OSPF.

Soft Skills Competencies

- Communication: Ability to communicate technical information to non-technical stakeholders.
- Problem Solving: Ability to analyze problems and develop effective solutions.
- Time Management: Ability to prioritize tasks and manage time effectively.
- Collaboration: Ability to work collaboratively with other IT staff and stakeholders.
- Adaptability: Ability to adapt to changing technology and network environments.

Chennai

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Education

Anna University, Chennai

B.E

May 2019

Certification

Palo Alto - Suren Networks

CCNA - Suren Networks

Hardware & Networking – Gainer
Infotech

Languages

English

Tamil

Mercury Fittings Private Ltd,

Chennai— *System Engineer*

MAY 2024 - PRESENT

Technical Support & Troubleshooting

- Delivered expert technical support for Windows and networking.
- Proficiency in troubleshooting hardware, software, and network issues.

Configuration & Backup

- Configure the outlook, IP, Printer & Taking backup of PST files

Device Installation & Maintenance

- Install, configure, and maintain desktops, laptops, printers, and peripherals.

Antivirus Installation & Maintenance

- Antivirus Installation, Maintenance & Updates.

User Account & Security Management

- Manage user accounts, permissions, and security settings in Active Directory.

Software Deployment & Updates

- Deploy and update software, drivers, and security patches.

System Performance & Security Optimization

- Optimize system performance and ensure data security through best practices.

Documentation & IT Procedures

- Documented technical issues, solutions, and IT procedures.

VPN Configuration & Remote Access

- Managed VPNs for secure remote access.

ICAT

Chennai — *Quality Engineer*

JANUARY 2021 - MARCH 2024

Delphi TVS

Chennai — *Quality Engineer*

AUGUST 2020 - JANUARY 2021

Projects

OSPF Network Implementation

Designed and implemented **OSPF (Open Shortest Path First)** for an enterprise network.

Configured **multi-area OSPF** to optimize network traffic and redundancy.

Implemented **route summarization and redistribution** to enhance efficiency.

Conducted troubleshooting and performance analysis to ensure seamless operation.

Palo Alto Firewall Deployment (PA-820 & PA-8200)

Configured and deployed **Palo Alto PA-820 and PA-8200 firewalls** for network security enhancement.

Implemented **security policies, NAT, VPN, and URL filtering** for secure access control.

Managed **threat prevention, application control, and user-based security policies**.