



# TONY VARGHESE

## SYSTEM & NETWORK ENGINEER

**Email :** tonyvarghese06@gmail.com | **Mob:** +919746838948

**Linkedin-** tony-varghese

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## PROFESSIONAL SUMMARY

System & Network Engineer

With more than 7 years of increasing responsibilities in technical leadership, computer technology and business critical management. Expertise in networking concepts, TCP/IP protocol and network security, knowledge of Firewall setup and administration, VPN, Microsoft Hyper-V, Failover cluster, Veeam Backup, opensource log server, OTRS system integration with Ldap and group policy management.

## EDUCATIONAL BACKGROUND

### Bachelors in Computer Application

University of Gurukulam  
2004 – 2007

### Higher Secondary

St.Berchmans High School  
2002 - 2004

## CAREER OBJECTIVE

To become a reliable system network engineer who will be able to assist the company towards achieving its mission and goals

## EMPLOYMENT EXPERIENCE

**St.Thomas Hospital , Asst. Manager**  
**2018 Feb**

### Key Roles

- \*) Configuring/maintaining open source application Graylog for Server and network log monitoring.
- \*) Configured zabbix open source server for monitoring application and network device.
- \*) OTRS server (Glpi) implementation and integration for user login.
- \*) Configuring and managing of Sophos XG 230 firewall.
- \*) Windows server 2012 AD integration with firewall for user mail authentication.
- \*) Configuring/managing of Microsoft office 365 mail for users.
- \*) Vm failover management.
- \*) Veeam backup and restoration procedure to ensure data security.
- \*) Testing and configuring GPO for user access control.
- \*) Guest wifi implementation in secure wifi.
- \*) Updating firmware in all active devices including UCS, Switches, Wlan controllers, AP etc.
- \*) Proxy service testing and activation in firewall to route cached request.
- \*) Cisco UCS 220 M4 hardware and firmware upgrade.
- \*) EMC 1600 storage management.
- \*) Stack failover configuration in Cisco 3850.
- \*) Configure and backup of mail clients in thunderbird.
- \*) Create and assign user rights in HoApps,Hms.
- \*) Printer configuration and Paper count setting for domain users.
- \*) Vlan creation and modification for reduce broadcast traffic.
- \*) Network printer installation, managing and maintenance.

## Professional Certifications

CCNP- CSCO ID#CSC011621988  
MCSE- MCP ID#6424455

## Key skills

Technical Analysis  
Project Management  
Multi-platform Networking  
System  
Integration

## Programming Language

Mysql, HTML

## O/S Platforms

Linux, Windows

## Tools/Softwares

**Virtualization:** VMware,  
Virtualbox,Hyper-V

**Security:**Zabbix,Graylog,Wire  
shark

## Languages

English 

Hindi 

Malayalam 

## Personal info

Address: Puthupparambil(H),  
Ponadu,Kerala,India  
Contact No:+919746838948  
Age: 31  
Gender: Male  
Nationality: Indian

## Desired location

Anywhere in UAE

**KIMS Hospital,Kottayam.** Sr.Network Engineer  
2014 August - 2015 October

## Key Roles

- \*) Planning, implementing and managing of His.
- \*) Configuring and commissioning of intranet mail for hospital users.
- \*) Anti-virus server implemented for intranet security and hospital confidentiality.
- \*) Firewall configured and placed in live network for internetwork communication.
- \*) Planning and commissioning of Centralized surveillance system with minimum period backup.
- \*) Submit recommended structured cabling architecture and initiation process.
- \*) Doing project for mobile signal boosting for the entire hospital building.
- \*) Submission of current HIS flow to identify patient /user transactional level difficulty.
- \*) Submission of HIS Gap analysis, Customization report to the management for ease HIS flow.
- \*) Generation of customization report and priority wise sorting for the management.
- \*) Integration of online appointment system through Manorama.
- \*) Comparison and recommendation of network active and passive components.
- \*) Public Announcement System implementation for hospital security.
- \*) Wlan design/implimentation for IPEMR.

**KIMS Hospital,Trivandrum.** Network Engineer  
2013 May - 2014 August

## Key Roles

- \*) Configure, monitoring and trouble shooting of switches, access points and all other network devices.
- \*) Manage and maintain VLAN for various departments.
- \*) Wi-Fi Designing , Configuration and Implementation for IPEMR.
- \*) IP Camera Project Coordination and implementation.
- \*) Installation and configuration for Wi-Fi data card for guest users.
- \*) Backup and maintenance of Parking Software.
- \*) Coordinate structured cabling of Data, Voice and public announcement system.

- \*) Active monitoring and management of Antivirus suite
- \*) HIS and YASASII User ID creation and privileging for all employs.
- \*) Active monitoring and management of Hardware Firewall Content filtering, Intrusion prevention Firewall rules, Site to Site VPN.

### **Believers Church, Network Administrator**

2012 April - 2013 April

#### **Key Roles**

- \*) Knowledge and experience in administering, maintaining of LANs/WAN.
- \*) manage and monitor of fortigate firewall.
- \*) Configured and maintain DHCP for LAN and IPSEC Vpn Update and monitor firewall policies for VPN, DMZ, LAN.
- \*) Configured and maintain IPSEC Vpn over 10 diocese.
- \*) Web filtering and URL filtering update for secure surfing.
- \*) Configured and maintain user group for LDAP and Vpn users.
- \*) Configured and maintain Retail excel accounting app for diocese
- \*) Configured Dynamic ARP inspection, IP Source Guard to protect from layer2 attack.
- \*) Security conscious with a working knowledge of secure architectures and good practice.

### **Bootnet IT Solution, Technical Support Engineer**

2009 October - 2012 March

#### **Key Roles**

- \*) Managing VLAN & inter VLAN security.
- \*) Administer a wireless LAN using WPA.
- \*) Configured PAT on 2600 series router.
- \*) Configured Ether channel and trunk in Cisco 4948 switches.
- \*) Configured Cisco stand alone access point series 1100, 1230 and 1240.
- \*) Reengineered the LAN to provide more reliable service and to reduce the latency.
- \*) Configured VTP domain and spanning tree protocol on L2/L3 switches.
- \*) Set up a new Cisco 1721 router with firewall services that provide the internet connectivity for the purpose of securing the network from outside intrusion, and Denial of service attack
  
- \*) Engineered a network SNMP solution and recommended the following software Tivoli Tavve, Cisco work 2000, Cisco View, Cisco resource Manager Essentials, and started the installation.

### **St Joseph College of Communication,**

Junior System Engineer, 2007 July - 2009 August

#### **Key Roles**

- \*) Assisted network administrator with maintaining high standard of up time and performance.

- \*) RIS configuration and installation.
- \*) DHCP configuration.
- \*) Implementation of Antivirus & Server Security.
- \*) Enterprise level Active Directory design, implementation and support.
- \*) Configuration, troubleshooting, supporting, installing Servers.
- \*) Disaster Recovery planning, design, implementation and testing.
- \*) Maintenance of peripheral Devices, Desktop hardware troubleshooting, upgrades, including memory, additional hard drives.

## **REFERENCES**

Will be pleased to provide upon request