

## Job Description

Job Title : **System Analyst -CITM** Job Location : Patiala

Position Reports to : Head-CITM

### Main Purpose/ Job Description:

<b>Qualification</b>	B.E / B.Tech Degree from recognized institute / university in Computer Applications / Computer Science /Computer Engineering / Information Technology or equivalent.
<b>Desirable</b>	Master’s Degree from recognized institute / university in Computer Applications / Computer Science /Computer Engineering / Information Technology or equivalent.
<b>Experience</b>	Technical experience of 7-10 Yrs.
<b>Competency</b>	<p><b>Soft Skills:</b> Service Orientation, Excellent inter-personal skills, Excellent communication skills - both written and verbal, Planning &amp; organizing skills, Ability to do multiple-tasking, Team working skills, Problem-solving skills, Analytical Thinking, Process-Oriented thinking</p> <p><b>Technical Skills:</b> C/C++, SQL, JAVA, Python. Strong understanding of network infrastructure and network hardware.</p>

### Key Duties and Responsibilities:

#### Enterprise Network (WAN/LAN/WLAN) Configuring and Management:

- Responsible for Implementing Enterprise-level Routing, Switching, Firewall, and Security.
- Should be able configure and deploy UTM, Core Switching in a large-scale enterprise network and multiple security levels. Resolving Core Problems of all Network and security configurations and employ security for institute needs.
- Extensive knowledge in configuring Firewall, DNS, DNS caching, Virtual hosting. Management and monitor performance of ISP WAN Links. Configuring LAG groups.
- Understanding of Network routing protocols.
- Experience with configuration of L3 and L2 switches, VLAN creation, inter VLAN traffic, controlling broadcasting, multicasting and unicasting administration.
- Experience in configuring and maintaining Enterprise LAN and WLAN
- Experience in configuring and managing WLAN Solution:
- WLAN controller configuration, SSIDs, IEEE 802.11e WLAN QoS (WMM and traffic priorities queues), control multicasting and broadcasting.
- Experience in NMS and its configuration.
- Experience of working in NOC environment.
- Will to work offsite on client location for resolving client issue.

#### Database management:

- Database management and administration experience in Oracle and MYSQL with proven competency in Database Configuration, Backups strategy, restoration, Log Management.
- Strong knowledge of SQL and Database schema designs.
- **ERP:** Determines functionality requirements, the scope of the work & monitors process deployment. Extensive knowledge of different departments/sections in academic’s environment like Student Life Cycle, Academics, Finance & Accounting, Inventory & Procurement, Human Capital Management, All department processes, etc. of the education sector.
- **Private Cloud Infrastructure:** Responsible for configuring and maintaining Citrix XEN-based Institute Private Cloud and Hypervisors. Control domain (DOMs) manages the pooling of resources and workloads running on the host. WLB, SR and VM life cycle, and Management.

- **Server Operating System management:** Server Based Computing, Ubuntu and Windows ServerAdministration, Migration, and other Server Activities.
- System monitoring/health checkups verifying the integrity and availability, reviewing system and application logs, maintaining up time, patch management. Shell Scripting, Server-Side scripting to automate or schedule jobs.
- Hosting, Maintaining, and administering Linux core and allied protocols like http, https, MYSQL databaseservers, and internal server security.
- Performance tuning characterization of Web-Services for a scale-out environment.

**Other**

- Coordination with various vendors including but not limited to OEM's and ISP's.
- Good Team Player. Good Communication Skills. Good Organizing Skills.

**Compensation**

- Compensation will not be a constraining factor and will be the best in the sector.
  - Interested candidates can send their CVs by email (amandeep.dhot@thapar.edu) by **25<sup>th</sup> April 2022**
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