Job Description

Job Title: System Analyst - CITM

Job Location: Patiala

Position Reports to: Head - CITM

Main Purpose/Job Description:

<table>
<thead>
<tr>
<th>Qualification</th>
<th>B.E / B.Tech Degree from recognized institute / university in Computer Applications / Computer Science / Computer Engineering / Information Technology or equivalent.</th>
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<tbody>
<tr>
<td>Desirable</td>
<td>Master’s Degree from recognized institute / university in Computer Applications / Computer Science / Computer Engineering / Information Technology or equivalent.</td>
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<tr>
<td>Experience</td>
<td>Technical experience of 7-10 Yrs.</td>
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<td>Competency</td>
<td>Soft Skills: 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</td>
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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, Alumni 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 Server Administration, 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 databases, servers, 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.


**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 **25th April 2022**