Mohamed Hassan

Systems Administration Engineer

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Profile

System Administration Engineer with 5 years of total experience. Skilled in MCSA, MCSE, CCNA, Troubleshooting, Monitoring, DBMS Administration, Veeam Backup, Firewall Configuration, Firewall Administration, Firewall Management, Firewall Security, Sophos, System Administration, Windows, Network Administration, Network Engineering, and Virtualization. Currently holds the designation of IT System and Network Administrator in the field of System Administration / Network Administration / Security.

Professional Experience

2021/02 – present
Alexandria, Egypt

IT System & Network Administrator, *EgyptGold*
- Manage and maintain Windows servers, ensuring optimal performance and security.
- Deploy and maintain virtual machines (VMs) for various applications and services.
- Troubleshoot and resolve issues related to virtualization infrastructure.
- Create and manage user accounts, permissions, and access controls.
- Implement and maintain system backups and disaster recovery plans using Veeam Backup.
- Configure, manage, and troubleshoot network devices including routers, switches, and firewalls.
- Manage firewall configurations and policies, with a focus on Sophos firewall administration.
- Monitor network performance and optimize for efficiency and security.
- Implement and manage VPNs, ensuring secure remote access for users.
- Install, configure, and update software and hardware components.
- Monitor system performance and troubleshoot issues to ensure high availability and reliability.
- Work closely with other IT staff and departments to identify and address system and network needs.
- Participate in planning and implementing IT projects and upgrades.
- Generate regular reports on system and network performance, security incidents, and maintenance activities.
- Provide technical support and troubleshooting assistance to end-users.
- Resolve hardware and software issues promptly to minimize downtime.

2020/01 – 2020/12
Alexandria, Egypt

IT System & Network Administrator, *City Hospital*
- Manage and maintain hospital's IT infrastructure, including servers, workstations, and network devices.
- Install, configure, and update software and hardware components to ensure optimal performance and security.
- Monitor system performance and troubleshoot issues to ensure high availability and reliability of critical healthcare applications.
- Create and manage user accounts, permissions, and access controls for hospital staff.
- Implement and maintain system backups and disaster recovery plans to protect patient data and ensure business continuity.
- Configure, manage, and troubleshoot network devices including routers, switches, and firewalls.
- Monitor network performance and optimize for efficiency and security, ensuring seamless connectivity for medical devices and hospital systems.

Skills

- CCNA R&S
- MCSA
- MCSE
- Linux
- VMware vSphere
- Sophos XG Firewall
- FortiGate Firewall
- MySQL
- Veeam Backup
- MS SQLServer
- C#
- Git & GitHub
- RestAPI
- Python
- PHP
- React

Projects

2022/06 – 2022/10

BTC, *Its a retail mangment system for BTC company*
I designed and developed a web application to streamline gold trading operations for my company, enhancing efficiency, speed, and resource management.
Technologies Used: HTML, CSS, AJAX, JavaScript, MySQL, PHP, Bootstrap 5, Laravel, Pusher, jQuery and RESTful APIs

2022/10 – 2022/12	**IT Asset Management,** *Its a web application to mange our IT's custody in all our branches*
	I designed and developed it to streamline and enhance the management of IT assets within the department. This comprehensive tool provides a centralized platform for tracking, monitoring, and managing all IT resources, ensuring that the department operates efficiently and effectively.
	Technologies Used: HTML, CSS, AJAX, JavaScript, MySQL, PHP, Bootstrap 5, Laravel, Pusher, jQuery and RESTful APIs

Certificates

- ITI Computer Network (3 months)
- CCNA 200-125 (New Horizons Academy)

Education

2017 – 2021	**Bachelor's in Computers and Information,** *Kafr El-Sheikh University*
Kafr El-sheikh, Egypt	**Information Technology Major**
	Grade : Good
	GPA : 2.62

Languages

Arabic
Native

English
Very Good