

# Khairy Ibrahim Mohamed

Cairo, Egypt

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## Summary

Senior System Administrator with experience in Virtualization with VMware vSphere, ESXi 7.0, 6.0 VCenter Converter, SCCM, Active Directory Administration, Windows 2008/2012/2016/2022 server upgrade, File share migration, PowerShell, Microsoft Office 365 and Odoo ERP expert with skills in system configuration and user support.

## Education

Bachelor of Management Information Technology  
Higher Technological Institute 10 of Ramadan Cairo, Egypt | Graduated: 2016 | Grade: Good

## Work Experience

### Senior System Administrator

Durrat Al Rimal (4 branches), Saudi Arabia, Apr 2024 – Till Now

- Managed ERP modules (Inventory, Manufacturing, Sales, CRM, POS, HR), improving operational efficiency by 30%.
- Delivered comprehensive user training and support, achieving a 95% system adoption rate within three months by facilitating smooth onboarding and improving user proficiency.
- Streamlined data management processes by automating manual tasks, reducing workload by 40% and enhancing reporting accuracy and reliability.
- Administered and optimized VMware ESXi virtualized environments to ensure high availability and optimal performance.
- Managed network infrastructure including switches, firewalls, servers, and access points, maintaining 99.9% uptime.

### Senior System Administrator

Abu Dhabi media corporation Egypt office, Cairo, May 2019 – Apr 2024

- Designed, installed, and configured enterprise servers, network devices, and firewalls, ensuring 99.9% uptime for internal and client-facing systems.
- Managed virtualization environments using VMware ESXi and Microsoft Hyper-V, improving resource utilization by 25%.
- Implemented and maintained SQL server, FortiGate firewalls, and Kaspersky security, reducing security incidents by 40%.
- Oversaw Qnap nas storage and Veeam backup and replication, achieving 100% data recovery success rate during tests.
- Administered enterprise-scale windows server platforms, active directory, office 365, group policy objects, and DNS, improving its service delivery time by 35%.
- Diagnosed and resolved complex Lan/wan and backbone infrastructure issues, reducing network downtime by 10%.

### System Administrator

Sera Factory – EL-Obour City, March 2018 – May 2019

- Installed and configured Sophos XG Firewall and Kaspersky Security, enhancing endpoint protection coverage by 50%.
- Deployed and managed Windows Server 2008/2012/2016, DC, ADC, DNS, DHCP, File Share, WSUS, and Hyper-V, ensuring stable operations with 98% uptime.
- Configured and maintained Backup Exec and ERP database backups, achieving zero data loss across all recovery simulations.
- Monitored system performance and resolved hardware/software issues for servers, laptops, desktops, and printers, reducing IT support tickets by 20%.

## IT Specialist

**Printex, Cairo, Jan 2016 – Jan 2017**

- Installed and configured Sophos XG firewall and Kaspersky security, enhancing endpoint protection coverage by 50%.
- Deployed and managed windows server 2008/2012/2016, DC, ADC, DNS, DHCP, file share, WSUS, and Hyper-V, ensuring stable operations with 98% uptime.
- Configured and maintained backup exec and Erp database backups, achieving zero data loss across all recovery simulations.
- Monitored system performance and resolved hardware/software issues for servers, laptops, desktops, and printers, reducing it support tickets by 20%.

## Technical Skills

- **Virtualization & Cloud:** VMware vSphere, ESXi, Hyper-V, AWS, Azure
- **Networking & Security:** CCNA, FortiGate Firewalls, Sophos XG, VPNs
- **ERP Systems:** Odoo (Inventory, CRM, POS, Sales, Manufacturing, HR)
- **System Administration:** Windows Server, Active Directory, SCCM, Office 365, PowerShell
- **Storage & Backup:** QNAP NAS, Veeam Backup & Replication, Backup Exec
- **Development & DevOps:** SQL Server, Git, Docker, Kubernetes (In Progress)

## Projects

- Creating the infrastructure for two branches of networks, servers, and firewall for Sera Company.
- Installation domain, file server, ERP system for sera company.
- Create infrastructure for Abu Dhabi media corporation in Cairo office 2022.
- Improving servers and working to find the best solutions to work efficiently to increase the efficiency of the network, such as Firewall Fortinet, Qnap storage unit, and Veeam backup.
- configuration and implement Odoo ERP system 2024 for Durrat Al Rimal company.

## Internships

**Udacity Nano Degree Advanced Cloud DevOps | Oct 2022 – Jan 2023**

- Cloud Fundamentals
- Deploy Infrastructure as Code (IAC)
- Build CI/CD Pipelines, Monitoring and Logging

**AWS re/Start Program | May 2022 – Sep 2022**

- Built fundamental IT skills, including Linux OS, writing scripts in Python and Shell
- Learned how to apply AWS services in the areas of compute, storage and networking including EC2, S3, IAM, VPC, Lambda, Cloud Formation, RDS and Route 53
- Learned how to configure, monitor, and support the suite of core AWS services.

## Interpersonal Skills

- Team Leadership
- Time Management
- Creative and Problem Solving
- Collaboration
- Adaptability

## Certificates

- Microsoft Certified Azure Fundamentals (AZ-900)
- Advanced Cloud DevOps \_Udacity Nanode