

ISLAM FATHY AHMED

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PROFESSIONAL SUMMARY

IT Infrastructure & Virtualization Specialist with 8+ years of experience in VMware ESXi, vCenter, Windows Server, cybersecurity, and enterprise IT operations. Skilled in managing virtual environments, implementing secure infrastructure, leading IT teams, and delivering optimized digital solutions. Strong background in software development (C#, .NET) enabling automation and system integration across the organization.

VMWARE & VIRTUALIZATION EXPERIENCE

- Hands-on experience with VMware ESXi installation, configuration, and host management.
- Skilled in administering vCenter for centralized management, cluster operations, HA, and DRS.
- Creating, configuring, and optimizing VMs including provisioning, storage, snapshots, and cloning.
- Managing VMware networking: vSwitches, VLANs, NIC teaming, and traffic control.
- Experience with Datastores, storage allocation, monitoring, and performance tuning.
- Familiar with Nutanix concepts: Prism basics, AHV VM lifecycle, storage containers, and cluster health.

SKILLS

- Virtualization & Cloud: VMware ESXi, vCenter, Clusters, HA/DRS, Nutanix AHV, Prism, Hyper-V
- Infrastructure & Security: Windows Server, AD/GPO, VPN, Firewalls, Backup, CISSP, CCNA, CySA+
- Software Development: C#, .NET Core, ASP.NET Core, REST APIs, EF Core, WPF
- Database Management: SQL Server, MySQL, PostgreSQL, MongoDB, ADO.NET

EXPERIENCE

IT Infrastructure & Systems Engineer – PathTech (Dec 2025 – Present) – Saudi Arabia

- Designed and deployed secure, scalable IT infrastructure across multiple branches, including servers, switches, firewalls, and wireless networks.
- Implemented Huawei-based network solutions (VLANs, ACLs, multi ISP routing, load balancing) ensuring high availability and optimized performance.
- Managed virtualization environments using VMware ESXi: VM provisioning, snapshots, resource allocation, and performance tuning.
- Integrated CCTV systems, access control panels, and attendance devices with centralized monitoring dashboards.
- Developed automation scripts (C#, PowerShell, batch) to streamline IT workflows, reduce manual tasks, and improve response time.
- Led troubleshooting for network issues, routing problems, and system outages, achieving a 30% reduction in downtime.
- Coordinated with vendors and suppliers, prepared technical documentation, and delivered client-ready reports and diagrams.
- Implemented backup strategies, disaster recovery plans, and security hardening aligned with company policies.

IT Supervisor - Delta Capital for Urban Development (Feb 2025 – Oct 2025) - Egypt

- Supervising IT operations and infrastructure across branches ensuring high availability.
- Managing an IT team, KPIs, and aligning tasks with business goals.
- Implementing cybersecurity policies and reducing risks company-wide.
- Leading IT procurement and vendor negotiations reducing costs by 15%.
- Supporting digital transformation and system automation initiatives.

IT Administrator - Thamina for Project Management (Jun 2022 - Dec 2024) - Egypt

- Designed and implemented IT infrastructure including domain controllers and VPN.
- Developed Customer Service & Gate Management System using C# and SQL Server.
- Provided technical support, managed CCTV, and handled IT procurement.
- Managed cloud hosting and company website, implemented security & backup strategies.

Senior IT Specialist - Kazareen Textile Company (Mar 2020 - May 2022) - Egypt

- Provided remote & on-site IT support for hardware and networks.
- Configured Windows networking, DNS, TCP/IP, Wi-Fi.
- Managed CCTV, security policies, and optimized system performance.

Software Developer - IT Service Provider (2015 - 2018) - Egypt

- Designed and developed software applications using C#, Java, Python.
- Debugged, optimized systems, and maintained documentation.

EDUCATION

Diploma - Software Engineering, Cairo University - 2022

B.S. - Accounting, Mansoura University - 2018

CERTIFICATIONS

CISSP, CCNA, CompTIA CySA+, Google IT Support, IBM IT Support, Microsoft SQL Server, C#.NET, ISTQB FL

LANGUAGES

Arabic: Native

English: Intermediate (B1)