

# Mohamed Magdy Eldanaf

Senior IT Infrastructure & Operations Manager | Cybersecurity | Network & Systems | ERP | Digital Transformation

Port Said, Egypt | Ready to Relocate / Work in East Port Said

mohamed.eldanaf@gmail.com | +20 102 732 0059 | +20 122 664 8203

Industrial IT Infrastructure • IT Operations • Cybersecurity • ERP Support • Business Continuity



## PROFESSIONAL SUMMARY

Senior IT Manager with 22+ years of hands-on experience leading enterprise infrastructure, systems administration, network architecture, cybersecurity, mail systems, ERP rollouts, and IT operations across manufacturing, industrial gases, maritime logistics, and multi-branch business environments in Port Said, Egypt. Built IT environments from the ground up for industrial gases factories, multi-branch retail (25–28 branches), maritime operations, garment factories, and construction projects. Managed infrastructure budgets exceeding EGP 5 million and led greenfield deployments including fiber optic backbones, IP telephony, surveillance systems, virtualization, backup/disaster recovery, and business continuity. Implemented and supported Odoo ERP across versions 14, 15, and 17, and self-hosted mail platforms including MDAemon and Kerio Connect. Delivered technical and cybersecurity training to 500+ employees and 3,000+ trainees. Combines infrastructure leadership with practical development exposure in MEAN Stack, Node.js, React, PHP, PostgreSQL, Python, and AI-assisted web applications.

## CORE TECHNICAL SKILLS

**IT Infrastructure & Operations:** IT Infrastructure Management • IT Operations Management • 24/7 IT Operations • Windows Server 2012/2016 • Active Directory • Group Policy (GPO) • DNS / DHCP • File & Print Services • Server & Storage Management • Capacity Planning • Infrastructure Troubleshooting • Mission-Critical IT Systems • Industrial IT Infrastructure

**Networking:** Enterprise Network Administration • LAN / WAN • TCP/IP • VLAN • Routing & Switching • VPN • Wireless Networks (TP-Link Omada) • Cisco Networking • Network Monitoring • VoIP / IP Telephony (SIP, Voice Gateway) • Multi-Site Connectivity • Fiber Optic & Structured Cabling

**Cybersecurity:** Cybersecurity Management • Network Security • Endpoint Security • Firewall Administration (Sophos, FortiGate) • Security Monitoring • Access Control • Identity & Access Management (DNSSEC) • Email Security • Security Hardening • Incident Prevention • Business Continuity • Backup & Disaster Recovery

**Virtualization, Backup & Recovery:** VMware vSphere / ESXi • Hyper-V • NAS / SAN Administration (Buffalo, FreeNAS) • Veeam Backup & Replication • Backup Exec • Microsoft Backup Solutions • Acronis • Ghost • KLS Backup • Disaster Recovery • Recovery Testing • Data Protection • High Availability • Failover Architecture

**Microsoft & Business Systems:** Microsoft 365 Administration • Exchange Administration / Mail Systems • MDAemon • Kerio Connect • IMAP Mail Backup • Mail Gateway • Bulk Mail Solutions • ERP Implementation Support • Odoo ERP (v14, v15, v17) • SAP Coordination • POS Systems • Receipt Printers • Barcode Scanners • Fingerprint Attendance Systems • CCTV / Surveillance (Dahua, IP Cameras)

**Management:** IT Strategy • IT Department Leadership • Team Leadership • IT Project Management • Vendor Management • IT Procurement • IT Budget Management • IT Asset Management • IT Policy Development • Risk Management • SLA Management • Helpdesk Management • Incident Management • Change Management • ITSM

**Automation & Digital Transformation:** System Integration • Web Application Development • JavaScript • Node.js • PHP • Laravel • Python • Java • MEAN Stack • React • React Native • Bootstrap 5 • Shadcn UI • Tailwind • SQL • PostgreSQL • MongoDB • REST APIs • Nginx • PM2 • AI APIs / AI-Assisted Tools • Digital Transformation

## PROFESSIONAL EXPERIENCE

### Senior IT Manager / IT Manager | Gases Group for Medical and Industrial Gases, Port Said, Egypt

Mar 2023 – Present (IT Manager title from Jun 2024)

- Lead the IT function for a growing medical and industrial gases organization, covering infrastructure, operations, security, service delivery, and team coordination.
- Directed planning and build-out of enterprise infrastructure during factory construction, including underground cabling, fiber connectivity, telephony, firewall architecture, backup design, and surveillance integration.
- Managed infrastructure and implementation work with a budget exceeding EGP 5 million, coordinating suppliers, technical decisions, and deployment priorities.
- Supported enterprise platforms and vendor ecosystems involving Microsoft, Cisco, SAP coordination, Odoo, Kaspersky, backup solutions, and network/security technologies.

- Delivered cybersecurity awareness and advanced technical training programs (including Advanced Excel) to employees, improving internal capability and operational readiness.

### **Senior IT Project Manager | Gases Group for Medical and Industrial Gases, Port Said, Egypt**

*Mar 2023 – Jun 2024*

- Planned the cable network infrastructure, reviewed hardware specifications, evaluated server offers, and supervised installation of network components.
- Installed and configured system servers with department-based security planning and reviewed surveillance and VoIP solutions.
- Defined firewall and factory security-policy requirements and coordinated implementation activities from project inception.

### **Senior IT Manager | Eurotex for Ready Made Garments, Egypt**

*Dec 2023 – Jun 2024*

- Managed the IT department at a senior level, supporting infrastructure, systems continuity, and business technology operations in a manufacturing environment.

### **ERP Project Manager / Information Technology Specialist | Port Said Star (Abo Elseed brand), Port Said, Egypt**

*Dec 2020 – Jun 2024*

- Built server and service infrastructure from an early-stage operating environment and implemented controls for user internet access, operating systems, file sharing, and backup services.
- Participated in ERP implementation and data-delivery work across Odoo 14, 15, and 17, helping move the business from no master data at all to an operational ERP environment.
- Completed implementation support for 25–28 branches across Cairo, Alexandria, and Port Said, including POS, receipt printers, barcode scanners, connectivity, and centralized attendance solutions.
- Delivered large-scale infrastructure for telephony, cameras, computers, servers, Wi-Fi access points, group policy, file services, and surveillance solutions.

### **System, Network & Mail Administrator (IT Manager) – Part Time | Silversea Marine Services & Supply / Marco Polo Maritime, Port Said, Egypt**

*Jun 2014 – Present*

- Built server infrastructure, mailing systems, IP telephony, and the company website while continuously upgrading end-user systems and resolving operational issues.
- Secured network traffic, improved stability, and implemented backup-oriented infrastructure including Hyper-V, Veeam, Mikrotik firewall, TP-Link Omada Wi-Fi, mail backup, and FreeNAS.
- Designed infrastructure to support maritime operations with reliable connectivity, administration, and communications services.

### **System, Network & Mail Administrator (IT Manager) | Elsharkawy Maritime & Logistics Co / Blue Star Agency, Port Said, Egypt**

*Aug 2014 – Oct 2023*

- Built company server infrastructure and a self-hosted mailing system, upgraded user computers, and implemented Wi-Fi network accounting and security controls.
- Created a bulk-mail solution with supporting corporate infrastructure using MDAemon, Kerio Connect, VMware ESX, Active Directory, SQL Server, and Backup Exec.
- Monitored internet traffic and mail systems, strengthened security, and maintained service continuity for logistics and shipping operations.

### **IT Manager & Network Infrastructure Consultant | El-Noor for Constructions, Port Said, Egypt**

*Feb 2013 – Apr 2014*

- Provided IT management and infrastructure consulting services with emphasis on network planning, operational support, and business systems readiness.

### **Computer & Network Instructor | NEN (National Education Network), Egypt — Part Time**

*2012 – 2019*

- Delivered training in network technologies and related technical subjects as a part-time instructor.
- Contributed to high-volume learning delivery, supporting a broader training record exceeding 3,000 trainees in networking, programming, Excel, and data analysis.

### **Regional IT Manager / System & Network Administrator | Akay Garments, Port Said, Egypt**

*Apr 2009 – 2013*

- Led IT responsibilities for garment operations and worked on hardening IP telephony connectivity between Egypt and Turkey using DNSSEC and Voice Gateway.
- Implemented and maintained infrastructure, communications, and security-related improvements in a manufacturing environment.

### **Senior IT Manager / System & Network Administrator | Dolphin & Ocean Garments Factories, Port Said, Egypt**

Feb 2006 – Jul 2009

- Managed the IT department and implemented a digital packing system using barcode-driven processes.
- Supported infrastructure, systems administration, and operational IT delivery for factory operations.

### **Computer & Network Instructor and Keynote Speaker | Axon Global Network, Port Said, Egypt — Part Time**

2007 – 2010

- Delivered technical instruction and speaking engagements focused on computer and network topics.

### **IT Help Desk | Edwardo for Marine Services, Port Said, Egypt**

2004 – 2005

- Provided user support, troubleshooting, and day-to-day technical assistance in a marine-services setting.

### **Internet & Network Technician | Egycom Internet Service Provider, Port Said, Egypt**

2002 – 2004

- Started career in ISP operations with hands-on work in internet connectivity and network support.

## **PROJECTS**

### **2026 • ERP for Pricing and Warehouse Management — Eagles Stores ERP — *Personal Side Project***

Side project to implement and sell a personal SaaS that contains a full accounting system, smart Sales and Purchasing modules, Warehouse, Global Catalog Integration (like maritime catalog IMBA). Will soon include POS for retail, POS for restaurant, HR system integration with fingerprint attendance devices, and manufacturing workflow to support industries I have worked in.

Technologies: PHP • Laravel • Multi-DB PostgreSQL • Tailwind

### **2026 • Educational Coding Content SaaS — Classivo Coding — *Personal Side Project and Public Contribution***

Side project to implement a public contribution platform to support teaching the new generation of developers and learners.

Technologies: Node.js • React.js • MongoDB • Tailwind • Shadcn UI Styling

### **2026 • Educational Management System (EMS) SaaS — Classivo — *Personal Side Project***

Side project to implement and start selling a personal SaaS Educational Management System.

Technologies: PHP • PostgreSQL • Shadcn UI Styling

### **2026 • AI-Assisted HR Quizzing System — Quiz Master — *IT Manager — Gases Group***

Built at Gases Group on request from HR management: a quizzing web app to fasten the recruitment process. Uses AI to generate questions per department with anti-cheating mechanism.

Technologies: Nginx • PM2 • Node.js • React • Bootstrap 5 • AI APIs

### **2023 • Building Gases Group From The Ground Up — *IT Manager / IT Project Manager — Gases Group***

Started infrastructure work during the construction of the factory. With an EGP 5 million budget, planned a full map of underground cables and fiber optic infrastructure between buildings, a phone solution with voice gateway, firewall, strong server infrastructure with failover, backup solutions for files, emails and configurations, and a 200 IP camera surveillance solution with AI integration.

Technologies: AutoCAD • Fiber Optic • Rack Management (Active/Passive) • IP Telephony • SIP Server • Voice Gateway • Sophos Firewall • Wimax Internet • Hyper-V Virtualization • Microsoft Backup Solutions • Buffalo SAN Storage

### **2021 • Branches for ABO ELSEED — *ERP Project Manager — Port Said Star***

Installation and startup operations for 25 branches across Cairo, Alexandria, and Port Said: POS, receipt printers, barcode scanners, portable internet access, and centralized fingerprint solution for global attendance.

Technologies: Odoo • HP ThinClient • Epson Printers • M2M Internet Solution • ZTK Cloud

### **2021 • Odoo Project Manager at Port Said Star — *ERP Project Manager — Port Said Star***

Started Odoo implementation at the factory with no master data at all. Responsible for delivery of data, then participated in the implementation team.

Technologies: Odoo 14 • Odoo 15 • Odoo 17

### **2020 • Factory Infrastructure for Port Said Star — *ERP Project Manager — Port Said Star***

Port Said Star factory (owner of the Abo Elseed brand) requested building a large-scale infrastructure for telephone systems, cameras, computers, servers, and Wi-Fi access points.

**Technologies:** Multi Hyper-V Environment • Active Directory • Advanced Group Policy • Advanced File Server • FreeNAS • TP-Link Omada Wi-Fi • Dahua Surveillance System

#### **2015 • Bulk Mail Solution — *IT Manager — Elsharkawy Maritime***

Local bulk-mail service to mimic Mailchimp for Elsharkawy Maritime, delivered with full corporate infrastructure.

**Technologies:** MDaemon • Kerio Connect • Mail Gateway • VMware ESX Server • Active Directory • Backup Exec • Advanced File Server • SQL Server

#### **2014 • Network Infrastructure Design — Silver Sea — *IT Manager — Silversea Marine Services***

Designed and deployed network infrastructure for Silver Sea for Marine Services and Supply.

**Technologies:** Hyper-V • Active Directory • Veeam Backup • Mikrotik Firewall • TP-Link Omada Wi-Fi • IMAP Mail Backup Solution • FreeNAS

#### **2010 • Harden Security — Akay Garments — *Regional IT Manager — Akay Garments***

Akay Garments requested hardening of the IP telephone system between Egypt and Turkey.

**Technologies:** DNSSEC • Voice Gateway

#### **2007 • Digital Packing System — Dolphin Garments — *IT Manager — Dolphin & Ocean Garments***

Dolphin Garments requested implementation of a digital packing system using barcodes.

**Technologies:** Barcode-Driven Processes

### **SELECTED CAREER HIGHLIGHTS**

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- Built IT environments from the ground up for industrial, logistics, maritime, manufacturing, and multi-site business operations.
- Led and supported ERP rollout and branch operations for a large retail/hospitality footprint (25–28 branches) using Odoo v14, v15, and v17.
- Managed infrastructure budgets exceeding EGP 5 million with vendors across Microsoft, Cisco, Sophos, Mikrotik, and surveillance platforms.
- Delivered technical instruction and cybersecurity awareness training to more than 3,500 learners and staff across instructional and corporate roles.
- Implemented and operated self-hosted mail platforms (MDaemon, Kerio Connect), bulk mail solutions, and mail gateway controls across multiple companies.
- Implemented and operated self-hosted mail archive platforms for IMAP mails.
- Implemented a sharing backup solution covering all factory departments, with policies that prevent users from saving files locally so every document written is centrally backed up.
- Reviewed connectivity options (including Orange) and selected a cost-effective M2M solution to connect all remote attendance devices, enabling deployment across all 28 Port Said Star branches.

### **SELECTED CERTIFICATIONS & PROFESSIONAL TRAINING**

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- CCNA (Cisco Certified Network Associate Routing and Switching) — Cisco — Aug 2010
- MCSE: Cloud Platform and Infrastructure — Microsoft — Sep 2014
- Microsoft Certified Solutions Expert: Server Infrastructure — Microsoft — Jun 2014
- MCSA: Windows Server 2012 — Microsoft — Jun 2014
- Microsoft Certified Professional — Microsoft — Jun 2014
- Microsoft Certified Systems Engineer: Windows 2000 Server (MCSE) — Port Said ITT Center — Apr 2004
- CompTIA A+ — Port Said ITT Center — Feb 2004
- System Administration and IT Infrastructure Services — Google / Coursera — Jan 2024
- The Bits and Bytes of Computer Networking — Google / Coursera — Mar 2024
- Fundamentals of Red Hat Enterprise Linux 9 — Red Hat / Coursera — Feb 2024
- MEAN Stack Web Development — Global Dev Gate — Aug 2019
- MEAN Stack Web Development — National Education Network — Jun 2020
- Odoo Functional 15 Training Course — Apr 2022
- M320: Data Modeling — MongoDB University — Oct 2020
- M100: MongoDB for SQL Pros — MongoDB University — Sep 2020
- Java & Python Web Programming Diploma — American Board of Professional Studies — Jun 2023
- Programming Diploma (Java) — Egyptian Science House — Jun 2023
- Programming Diploma (Python) — Egyptian Science House — Jun 2023
- VMware ESX Server 7 — VMware

- HTML5, CSS3, JavaScript & jQuery, C# — Dec 2014
- ICDL, MOS, TOEFL iBT, Adobe Photoshop CS6 — Sep 2010
- Graphic Design — Egyptian Science House — Feb 2024
- Cybersecurity Diploma (CEH, CND, Security+, Digital Forensics exposure)
- Cyber Security Awareness Training Delivery (Recognition) — Gases Group — Sep 2025
- Advanced Excel Training Delivery (Recognition) — Gases Group — Nov 2025

## EDUCATION

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**Bachelor of Commerce (Accounting), Suez Canal University, Faculty of Commerce** | 2006 | GPA: 2.9/4.0

## ADDITIONAL INFORMATION

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- Languages: Arabic — Native | English — Very Good (written and spoken)
- Interests: Web Design, JavaScript Coding, AI Vibe Coding, Course Material Design
- Location: Port Said, Egypt | Ready to relocate to Cairo and East Port Said
- Online Profiles: [LinkedIn](#) and [Upwork](#) links available for recruiter review
- Personal details (date of birth 17Abr 1985, religion Muslim, marital status Married).