

Dr. Muhammad Fathy Muhammad

GM & HEAD OF TECHNOLOGY SERVICES & IT OPERATIONS · BANQUE DU CAIRE

muhammadfathy.com

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01 · EXECUTIVE PROFILE

Dr. Muhammad Fathy Muhammad is the General Manager and Head of Technology Services & IT Operations Sector at Banque Du Caire, Egypt's third-largest state-owned bank. He leads a 150-engineer organization spanning cloud infrastructure, cybersecurity, network operations, and digital transformation — overseeing 200+ production systems and 2,000+ servers serving 20 million customers.

With over 20 years of execution inside regulated Arab banking institutions, Dr. Fathy has delivered the first private cloud deployment in MENA financial services, sustained 99.99% infrastructure availability, achieved \$10M+ in annual cost optimization, lifted service desk SLA resolution from 85% to 99%, and built a technology organization from 25 to 150+ certified engineers.

02 · QUANTIFIED IMPACT



03 · SIGNATURE ACHIEVEMENTS

— First Private Cloud · MENA Banking

Architect and executor of the first private cloud deployment in the MENA financial sector — infrastructure design, security framework, migration sequencing, and full internal capability build.

— Zero Trust Architecture

Phased ZTA rollout across 2,000+ servers — IAM, PAM (BeyondTrust), micro-segmentation, and continuous security monitoring. PCI-DSS 4.0.1 certified. Mean detection time under 15 minutes.

— Organization Build · 25 → 150+ Engineers

Scaled the IT function from 25 people to 150+ engineers. Trained and certified 500+ professionals. Restructured operating model with Run/Change/Transform budget discipline and KPI governance.

— 100+ Projects Delivered

Executed 100+ technology projects: core banking modernization, digital channels platform, IVR, direct sales, digital branch infrastructure, internet banking serving 20M customers.

04 · CAREER TIMELINE

2018 – Present	GM & Head of Technology Services & IT Operations · Banque Du Caire, Cairo
2011 – 2018	Head of IT Network, Security & Infrastructure · Alex Bank (Intesa Sanpaolo Group)
2007 – 2011	Network & Security Team Leader · National Bank of Abu Dhabi, Egypt
2002 – 2007	Technical & Infrastructure Roles · CompuME · Emirates for Systems Group

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05 · ACADEMIC & PROFESSIONAL CREDENTIALS

Doctoral	Professional Doctorate in Management · European International University, Paris
MBA	Master of Business Administration · ESLSCA Business School, Paris
BSc	Computer Engineering · Ain Shams University, Cairo
PMP	PMI Project Management Professional · Agile PM · Cloud Architecture: Advanced Concepts
Strategy	McKinsey Leadership in a Crisis · Digital Transformation for Tech Leaders
Security	CCNP · CCNA · Information Security · Enterprise Firewall · ITIL Foundation

06 · PUBLISHED WORKS · 25K+ READERS

- **Tech's Revolution in Middle East Finance** 2025
AI, blockchain, open banking, and cybersecurity across MENA financial services. Dual audience: technical leaders and business executives.
- **Understanding Zero Trust Architecture** English & Arabic
Comprehensive practitioner guide to ZTA: IAM, micro-segmentation, least privilege, continuous monitoring.
- **Leadership for Beginners from A to Z** English & Arabic
Practical leadership primer for emerging managers. Applied organizational practice and executive development.
- **Hour of Delightful Terror (Saa' min Al-Rou'b Al-Ladhidh)** Literary Fiction · Arabic
Short story collection exploring tension between the familiar and the uncanny in Arabic literary tradition.

07 · RECOGNITION & SPEAKING

- IDC Excellence Award 2025 — Outstanding contribution to technology innovation, financial services sector.
- Entrepreneur Insights Magazine — Cover Feature · Most Promising Business Leader of the Year 2025.
- Favikon #4 Egypt — Technology Sector · Score 84.2 · 75,000+ LinkedIn followers.
- Confirmed speaker: LEAP (Riyadh), MEBIS (Dubai), GITEX Global, regional fintech and banking summits.
- First architect of a private cloud in MENA banking — recognized as a sector landmark.

08 · KEYNOTE TOPICS

- **AI-Driven Transformation in Arab Financial Services**
- **Cyber Risk Navigation for Banking Executives**
- **Building a Resilient Banking Technology Organization**
- **Zero Trust in Practice — From Architecture to Operations**
- **The Fathy Model — A Doctrine for Banking IT Transformation**

09 · CONTACT

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