

Waleed Kamel

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Chief Technology Officer (CTO) | Director

Digital Transformation
Software Engineering
Process Optimization
Project Management
Product Management
IT Governance
Cyber Security
DevOps Process
Cloud Services
Cost Efficiency
Risk Management
Budget & Change Management

Professional technologist with 19 years of experience across Egypt and Middle East building/leading teams, projects and products ranging from start-ups to enterprises within IT and financial services industries.

I have a superior record of leading and scaling agile engineering teams (cross-functional and remote), and to deliver simultaneous, mission-critical projects both on time and under budget to achieve the ultimate business values.

Experienced in object-oriented programming languages (Java and .NET), mobile development (Flutter, React Native and SWIFT), BI and Analytics tools (Power BI and Tableau) and deliver hands-on modern architecture models (Open APIs, Microservices, Layered, MVC, and cloud computing).

Proven experience to maintain focus on achieving bottom-line results. Developed an innovative digital transformation framework to launch the largest FinTech consumer finance platform in Egypt.

Proven experience to design and manage high level of cyber security frameworks (OWASP security risks and FFIEC security assessment) to protect information asset of the organization and deliver secure platforms.

CAREER ACCOMPLISHMENTS

- Developed an innovative digital transformation framework and utilized its strategies to develop the FinTech consumer finance platform, valU (Open APIs, Layered Architecture and support multi-sided markets). And used the same framework to succeed developing many other systems in EFG Organization, i.e. Appraisal and KPI system, L&D product, Promotions workflow and Travel system.
- Utilization of key skills while managing and delivering over 20 products and programs, including Fintech, commercial and financing, also steered efforts towards management of software development for large organization across multiple geographic locations.
- Utilizing company's distributed historical data, I delivered an informative business intelligence (BI) System with ad-hoc dynamic reports for executives to show the company's performance dashboards to facilitate the decision-making process.
- Created new IT career paths and roles to help business products scale smoothly; I standardized the project management processes, I created a product management team attached with a practical framework, also I PMO attached with Project Management processes, tools and templates.
- Applied Dev-Ops culture and processes that increased the development delivery and quality by 30% and boosted the operations efficiency up to 40% in 1 years.
- Significantly increased delivery and stakeholders' satisfaction throughout moving to a customized Agile Scrum, Kanban and SAFs processes that focused on customer, team, and continuous improvement and delivery.
- Rendered expert services as a consultant and coach for 8 years at ministry of communication and information technology (Egypt), Egyptian Banking Institute (Egypt), Projacs Academy (Dubai) and Governance Institute for Directors (Iraq) in project management, digital transformation strategies and cutting-edge agile processes.

PROFESSIONAL EXPERIENCE

CONTACTCARS.COM — Egypt

Jul 2020 – Now

Chief Technology Officer (CTO)– Director,

Oversee all technical aspects and technological resources of an organisation for the purpose of organisational growth. Establish a technological vision for an organisation and leads the company's technological development. Set the digital transformation strategies and monetizing contactcars.com platform.

EFG HERMES — Egypt

Nov 2005 – Feb 2020

Corporate PMO & Software Development Head– Director, Jan 2014 – Feb 2020

Develop and support products and services of EFG Hermes by devising technology strategy and enhancing software functions. Supervise more than 70 technical team members, project managers, product managers and provide guidance to maintain Excellence in products and service delivery. Define short and long-term department goals, establish KPIs in line with set targets, and prepare budgetary plan to ensure smooth running of technical operations. Ensure smooth running of day-to-day functions by re-defining roles within the development organization and delegating work responsibilities as per requirements. Plan and organize resources to effectively manage disaster recovery sites in Egypt, UAE, Kuwait and KSA.

- Architected and managed a big project to connect EFG Hermes regional hubs (across 6 countries including its DR sites) together to provide the users with a secured, seamless and reliable IT services (i.e. Applications and the E-Mail).
- Utilized a tailored agile squad process with focus on valuable software releases and high-quality delivery to increase code output volume and slash non-valuable code, resulting in 4 times productivity enhanced within 12 months.
- Updated customers with regional and global market trends along with real-time prices by adeptly creating and delivering a high-performance cross platform mobile application for retail clients.
- Planned and delivered a strategic product throughout combined Hermes Trading platform with Saxo Bank as well as developed “EFG Hermes ONE” online retail platform to provide access real-time to 30+ regional/global markets.
- Designed, developed, and delivered mission critical applications which included Hermes 360 product for retail traders, research institution system, institutional brokerage algorithmic trading, and integration with Reuters and Bloomberg networks.
- Planned and delivered an innovative Fintech consumer finance and loaning system called “valu” that awarded as best Innovative Fintech 2019 from Seamless. This product was developed based on my innovative Digital Transformation framework that consider, security, automation, DevOps, data science and fast delivery techniques.
- Created better career path options for different roles by defining responsibilities within development organization, also introduced as separate technical track within each department to refocus on the role of functional managers on team development and daily operations, moreover created new critical roles which are Product Manager, DevOps and Automation that directly reflected on the quality of the delivery and customer satisfaction.

Program Manager - Vice President, Jan 2010 – Dec 2013

Fulfilled stakeholder's requirements and ensured on time delivery of program by introducing and maintaining an effective project management culture. Managed and executed all aspects of technical works and carried out large-scale enterprise brokerage suite which included web, desktop, mobile, multi-tier technology, SOA services and cloud computing applications. Assessed software program performance to maximize ROI and ensured monthly releases of mission critical EFG Hermes Enterprise Brokerage suite, back-office operations, front-office order management product, retail trading product, and online clients trading product.

- Streamlined overall program management functions and accomplished desired goals by controlling cost, utilising resources, motivating teams, implementing best practices, and conducting risk analysis.
- Managed projects and vendors to deliver EFG Hermes financing products (Leasing/Cassiopae, Factoring/CODIX and Micro-Financing/SOPRA)
- Delivered both Hermes iPad and Hermes iPhone native trading products that ranked number one mobile trading downloads in Egypt and UAE during 2014.
- Successfully improved overall products stability and quality by automating 80% of the manual test cases of the whole EFG Hermes Enterprise Brokerage suite.
- Setup and run EFG IT project management office to effectively manage corporate projects portfolio in standardised process and unified projects' templates, documents, and tools.

Senior/Lead Software Engineer, Nov 2005 – Dec 2009

Developed high-quality software design, headed real-time prices data feed team, and delivered EGH Hermes Streamer product. Supported multi-market and multi-account trading over web technology by designing first product in Egypt and GCC. Augmented enterprise operations by structuring the architecture of front office enterprise solution in collaboration with IT architecture community.

- Guided and encouraged developers to complete assign tasks within time and improved productivity as well as quality of work by providing constructive feedback.
- Fostered congenial relations with team members and management to guarantee smooth running of functions.

Additional Work Experience OCT 2005 - JAN 2001

Teaching Assistant/Senior Software Engineer, Faculty of Technology – Saudi Arabia

Software Engineer, Bank Misr – Egypt

CONSULTATION AND HANDS-ON EXPERIENCE

Since 2012, helping firms to move to agile in managing software projects. Delivering On-site trainings for project managers in agile mindset and its tools/techniques and knowledge/skills through customized workshops and practices. Help firms improve their products and services throughout a practical consultation on digital transformation strategies and IT governance.

Egyptian Banking Institute – www.ebi.gov.eg | Information Technology Institute - www.iti.gov.eg | Projects Academy - www.projacs.com | Project Management House - www.pmhouse.org | Saudi Aramco - <https://www.saudiaramco.com> | Governance Institute for Directors www.iraqi-iod.org | adam.ai www.adam.ai

EDUCATION AND CERTIFICATIONS

- Massachusetts Institute of Technology (**MIT**), May 2020
Digital Transformation Platform Strategies for Success Diploma
- Amazon Web Services, Apr 2020
AWS-CCP, Certified Cloud Practitioner
- FinTech and Leading Digital Transformation, California, Oct 2019
Silicon Valley Immersion Program
- Association of International Product Marketing and Management, Nov 2017
AIPMM-CPM, Certified Product Manager
- ESLSCA Business Group, France, Mar 2016
Master of Business Administration (MBA)
- Project Management Institute (PMI), Nov 2012
PMI-ACP (Agile Practitioner Certified)
- Faculty of Engineering, Egypt
B.Sc. of Computers and Systems Engineering

TECHNICAL PROFICIENCIES

MS Visual Studio.NET and TFS | Mobile Technology | Jenkins | JIRA | SAFe | Scrum | Kanban | Hands-on experience in platforms and Open APIs architecture | OWASP | COBIT 2019 | Excellent at using MS Project, Primavera, MS Power Point, MS Visio, SQL, and Smart Sheets | Aha! Product & Marketing