
MOHAMED ESAMELDIN ELSAID

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Summary

Accomplished technology executive and trusted strategic advisor with extensive experience guiding enterprise transformation, AI infrastructure modernization, cloud strategy, and large-scale digital innovation initiatives. Recognized for partnering with C-suite leaders, senior stakeholders, and global organizations to navigate complex technology decisions, mitigate risk, and align investments with long-term business objectives. Combines deep technical expertise with strong commercial acumen, governance awareness, and a proven ability to influence executive decision-making. Respected for translating emerging technologies into practical business value while driving innovation, operational excellence, and sustainable growth across diverse international environments.

Skills

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|-------------------|----------------|
| • Research | • Facilitation |
| • Teaching | • Coordination |
| • Mentoring | • Presentation |
| • Analysis | • Leadership |
| • Writing | • Planning |
| • Collaboration | • Innovation |
| • Communication | • Organization |
| • Problem Solving | |
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Experience

Senior Cloud & AI Infrastructure Solutions Specialist	04/2022 to Current
Intel	Munich Germany

- Advised enterprise and public-sector organizations on cloud, AI, and infrastructure modernization strategies, helping align technology investments with long-term business objectives.
- Partnered with senior executives and key stakeholders to shape scalable digital transformation initiatives, strengthening operational resilience and innovation capabilities.
- Provided strategic guidance on emerging AI, cloud, and datacenter technologies, supporting informed decision-making across complex technology environments.
- Collaborated with cross-functional leadership teams to accelerate enterprise adoption of advanced infrastructure solutions while managing risk and ensuring alignment with organizational priorities.

Cloud Technical Solutions Specialist	01/2017 to 03/2022
Intel	Munich Germany

- Advised enterprise customers on cloud and infrastructure modernization initiatives, helping align technology investments with long-term business objectives and operational requirements.
- Collaborated with senior stakeholders to develop scalable cloud strategies that improved platform performance, accelerated adoption, and supported digital transformation goals.
- Provided technical and strategic guidance on complex infrastructure solutions, strengthening customer confidence and enabling informed technology decisions.
- Partnered with cross-functional teams to address emerging business challenges, optimize solution architectures, and enhance overall customer outcomes.

Solutions Architect	11/2012 to 12/2016
Dell-EMC	Cairo Egypt

- Advised enterprise leadership teams on complex infrastructure modernization initiatives, aligning technology investments with long-term business and operational objectives.
- Designed and delivered scalable cloud, storage, and data center solutions that improved organizational resilience, performance, and service delivery across global environments.

- Partnered with senior stakeholders to evaluate emerging technologies, mitigate infrastructure risks, and support critical transformation programs.
- Served as a trusted technical advisor to customers and executive decision-makers, translating business requirements into strategic technology roadmaps and sustainable growth initiatives.

Technical Support Engineer, level II

08/2010 to 10/2012

Dell-EMC

Cairo Egypt

- Delivered advanced technical support for enterprise storage and infrastructure environments, ensuring system stability and minimizing operational disruptions for global customers.
- Diagnosed and resolved complex hardware and software issues, providing timely solutions that improved customer satisfaction and strengthened long-term client relationships.
- Collaborated with engineering and product teams to address critical technical challenges, contributing to service improvements and enhanced platform reliability.
- Guided customers through infrastructure optimization and best-practice implementation, supporting business continuity and more efficient technology operations.

Teaching and Research Assistant

09/2006 to 06/2010

German Uni. in Cairo

Cairo Egypt

- Supported the delivery of undergraduate and postgraduate courses, fostering an engaging learning environment and strengthening student academic performance.
- Contributed to research initiatives through literature reviews, data analysis, and technical investigations, supporting the advancement of high-quality academic publications.
- Collaborated with faculty members on curriculum development and research projects, helping bridge academic theory with practical application.
- Provided mentorship and academic guidance to students, promoting critical thinking, research excellence, and successful project outcomes.

Volunteer Experience

Conference papers reviewer

01/2022 to 05/2024

IEEE Computer Society

- Evaluated and provided independent peer review of research submissions, helping uphold the quality and integrity of published technical content.
- Applied deep expertise in emerging computing and AI technologies to assess the relevance, originality, and practical value of academic research.
- Collaborated with authors and conference committees by delivering constructive recommendations that strengthened research quality and technical rigor.
- Contributed to advancing industry knowledge by supporting the selection of innovative research aligned with evolving technology and enterprise priorities.

Professional Exams Reviewer

08/2021 to 08/2023

SNIA (Storage Networking Industry Association)

- Reviewed and validated professional certification examinations, ensuring alignment with evolving industry standards and best practices in storage, cloud, and data infrastructure technologies.
- Collaborated with subject matter experts to strengthen exam quality, technical accuracy, and relevance for global technology professionals.
- Provided independent recommendations on certification content, helping maintain the credibility and integrity of industry-recognized credentials.
- Contributed expert insight on emerging technology trends, supporting the continuous advancement of professional development standards across the storage networking community.

Education and Training

Ph.D.: IT Systems Engineering

01/2022

Hasso-Plattner Institute

Potsdam, Germany

- Thesis: Virtual Machines Live Migration Cost Modelling and Prediction

- Focus: To use machine learning techniques in cloud computing live migrations overhead modeling and prediction.

M.Sc.: Networks Engineering

German Uni. in Cairo

01/2010

Cairo, Egypt

- Thesis: IEEE 802.11s Mesh WLAN Channel Assignment and Power Management.
- Sponsor: Radio Optimization Dept., Alcatel-Lucent AG, Stuttgart Bell Labs.-Germany.

B.Sc.: Electronics and Communications Engineering

Ain Shams University

07/2006

Cairo, Egypt

Certifications

- 04/01/26, VMware Certified Professional - VMware Cloud Foundation Architect, Broadcom, <https://www.broadcom.com/support/education/vmware/certification/vcp-vcf-architect>
- 06/01/24, Intel - Principles of AI, Intel
- 07/01/22, VMware Certified Professional - Data Center Virtualization 2022, VMware
- 10/01/20, Microsoft Certified: Azure Fundamentals, Microsoft
- Information Storage Management, Dell-EMC

German Residency

Permanent Residency (Niederlassungerlaubnis since Feb. 2019)

Personal Information

- Date of Birth: 07/01/84
- Nationality: Egyptian
- Marital Status: Married with 3 Kids

Publications

- 10/01/25, Efficient and Sustainable LLMs on Intel Xeon with Intel AMX, Whitepaper, <https://www.intel.com/content/www/us/en/content-details/866175/efficient-and-sustainable-llms-on-intel-xeon-with-intel-amx.html?DocID=866175>
- 2021, Virtual Machines Pre-Copy Live Migration Cost Modeling and Prediction: A Survey, Distributed and Parallel Databases, Elsaid, M.; Abbas, H. and Meinel, C., Springer
- 2021, Live migration timing optimization integration with VMware environments, Cloud Computing and Services Science, Mohamed Esam Elsaid, Mohamed Sameh, Hazem M. Abbas and Christoph Meinel., Springer International Publishing, 978-3-030-72369-9
- 2020, Timing Optimization for Live migration in VMware Environments, The 10th International Conference on Cloud Computing and Services Science, M. E. Elsaid, Hazem M. Abbas and C. Meinel, Prague, Czech Republic
- 2019, Machine Learning Approach for Live Migration Cost Prediction in VMware Environments, The 9th International Conference on Cloud Computing and Services Science, M. E. Elsaid, Hazem M. Abbas and C. Meinel, Crete, Greece
- 2018, Enhanced Cost Analysis of Multiple Virtual Machines Live Migration in VMware Environments, IEEE 8th International Symposium on Cloud and Service Computing, M. E. Elsaid, A. Shawish and C. Meinel, Paris
- 2017, A Social Aware Approach for Online Social Networks Data Allocation and Replication, European Conference on Electrical Engineering and Computer Science, M. E. Elsaid, A. Shawish and C. Meinel, Bern
- 2016, Multiple Virtual Machines Live Migration Performance Modelling VMware motion based Study, IEEE International Conference on Cloud Engineering, M. Esam, C. Meinel, Berlin, Germany
- 2015, Friendship based Storage Allocation for Online Social Networks Cloud Computing, International Conference of Cloud Computing Technologies and Applications, M. Esam, C. Meinel, Marrakesh, Morocco
- 2014, Live Migration Impact on Virtual Datacenter Performance, 2nd International Conference on Future Internet of Things and Cloud, M. Esam, C. Meinel, Barcelona, Spain

- 2014, A Framework for Selecting Cloud Service Provider Based on Service Level Agreement Assurance, International Conference on Grid Computing and Applications, REL-Awadi, M. Esam, M. Rizk and Hegazi, Las Vegas, Nevada, USA
- 2013, Enhanced Rank Based Cooperative Game (ERBCG) Strategy for IEEE 802.11s Mesh WLAN Power Management, IEEE International Wireless Communications and Mobile Computing Conference, Yasmine El-sabe, M. Esam and M. Ashour, CAGLIARI, Italy
- 2011, Cooperative Game Strategy for IEEE 802.11s Mesh WLAN Power Management, IEEE International Conference on Communications, M. Esam and M. Ashour, Kyoto, Japan
- 2011, IEEE 802.11s Mesh Wireless LAN Channel Assignment and Power Management, Text Book, ISBN-10: 3846502286

Patents

- 07/01/19, Network Load Balance Aware Live Migration for Virtual Machines in Cloud Computing, US10356005B1, USPTO
- 07/01/18, Data Replication Optimization for Online Social Network Cloud Computing, US 15/222,499, USPTO
- 09/01/15, Data Storage Path Optimization For Internet of Things Computing Systems, US 14/853,437, USPTO
- 12/01/13, Storage Optimization for Social Networks, US 14/138,756, USPTO

Tech Abilities

- X86 Servers and Clusters
- Architecture Datacenter Virtualization
- AI Infrastructure Architecture
- Datacenter Storage Architecture
- VMware Cloud Foundation (VCF)
- AI Accelerators (Intel)
- Dell-EMC Enterprise Storage Systems
- Datacenter TCO & Efficiency Planning
- Datacenter Migrations
- Sovereign Data Center Modernizations

Volunteer Experience

- 01/01/22, 05/31/24, Conference papers reviewer, IEEE Computer Society, Reviewed and provided expert evaluations on conference papers, ensuring high-quality scholarly contributions in fields related to cloud computing, AI infrastructure, and datacenter technologies. Supported the advancement of research and innovation through critical assessment aligned with industry standards and academic rigor.
- 08/01/21, 08/31/23, Professional Exams Reviewer, SNIA (Storage Networking Industry Association), Reviewed and evaluated professional certification exams to ensure high standards and relevance in storage networking industry qualifications. Contributed expert knowledge in enterprise storage systems and cloud infrastructure to maintain exam quality and industry alignment.

Languages

Arabic; Native
German: Professional
English: Fluent
