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Summary

Highly experienced professional in IT and infrastructure with over 22+ years of expertise in the education and training industry, including 18 years in training and operations management. Proven track record in computer science management, software development, IoT, and strong business development skills. Holder of a Diploma in the Presidential Leadership Program focusing on protocols, national security, strategic planning, leadership, entrepreneurship, and human skills. Founder and CEO of ALHANBLY Integrated Systems, and author of the book "Infinity Mindset: The Catalyst for Sustainable Innovation and Growth" available in both Arabic and English on Amazon Kindle.

Key Achievements

- Developed and implemented comprehensive strategic training plans aligned with long-term organizational goals.
- Successfully led and managed diverse teams, fostering a collaborative environment to achieve high performance results.
- Stayed abreast of technological advancements and integrated them into training programs to enhance the learning experience.
- Founded and led ALHANBLY Integrated Systems, developing applications such as the Vatrina Android App and a credit hour management system for higher education institutions.
- Led Training, digital transformation initiatives at the National Academy for Training, including the deployment of e-learning solutions, virtual labs, and digital libraries.
- Built strong relationships with stakeholders, including government entities, industry leaders, and educational institutions, to enhance collaboration and broaden impact.
- Ensured the highest quality standards in all training programs through rigorous evaluation and continuous improvement processes.
- Executed strategic projects from conception to completion, managing budgets, timelines, and resources effectively.
- Received multiple recognitions and awards for contributions to training program development, research projects, and event coordination.

Experience



National Training Academy (NTA)



Industry 4.0 Trainer

Aug 2018 - Present



Training Operation Manager

Jan 2018 – Present

Responsibilities and Achievements:

- **Strategic Planning and Implementation:** Developed and executed comprehensive strategic training plans aligning with the academy's long-term goals and objectives. This includes the identification of training needs, curriculum development, and the integration of cutting-edge Industry 4.0 technologies.
- **Leadership and Team Management:** Successfully led and managed diverse teams, fostering a collaborative environment to achieve high-performance outcomes. Mentored and developed future leaders within the academy, ensuring the continuity of excellence in training delivery.
- **Policy Development:** Formulated and implemented robust policies for training operations, ensuring alignment with national educational standards and industry best practices. Continuously evaluated and updated policies to reflect technological advancements and changing industry requirements.
- **Digital Transformation:** Spearheaded digital transformation initiatives, integrating advanced digital tools and platforms into training programs. This included the deployment of e-learning solutions, virtual labs, and digital resource libraries to enhance learning experiences.
- **Stakeholder Engagement:** Engaged with key stakeholders, including government bodies, industry leaders, and educational institutions, to foster partnerships and collaborations, promoting its mission and expanding its influence.
- **Operational Excellence:** Oversaw the implementation and management of training operations, ensuring efficient resource utilization and high-quality program delivery. Established performance metrics and conducted regular evaluations to maintain and improve operational standards.
- **Innovation and Development:** Continuously kept pace with technological progress, integrating innovations into training programs. Developed and launched initiatives enhancing the academy's technological capabilities.
- **Quality Assurance:** Ensured the highest standards of quality in all training programs through rigorous assessment and continuous improvement processes. Implemented feedback mechanisms to gather insights from participants and stakeholders, driving enhancements in training effectiveness.
- **Project Management:** Led and executed strategic projects from conception to completion, ensuring timely delivery and alignment with organizational goals.

Managed budgets, timelines, and resources effectively, delivering projects that added significant value to the academy.

MAB Institute

Research And Development Manager

Apr 2018 - Feb 2019

Responsibilities:

1. Lead the R&D Team:

- Managed and directed a multidisciplinary team of researchers and developers specializing in Fourth Industrial Revolution technologies.
- Motivated the team and provided the necessary guidance to ensure efficient project execution and timely delivery.

2. Develop R&D Strategies:

- Formulated research strategies and plans that aligned with the strategic goals of MAB Institute, focusing on advanced technologies like AR/VR, Data Science, IoT, and Cybersecurity.
- Prioritized research initiatives to match market needs and emerging technological trends within the context of the Fourth Industrial Revolution.

3. Project Management:

- Led and executed research and development projects aimed at innovating new products and services in fields like Robotics, Electronics, and Optics.
- Monitored project progress and ensured that objectives were met within the set timeline and budget.

4. Stakeholder Communication:

- Coordinated with other departments within the company and external entities to ensure effective collaboration and seamless project implementation.
- Prepared and presented periodic reports to senior management on project progress and achievements.

5. Data Analysis and Recommendations:

- Analyzed research and development outcomes and provided recommendations to enhance products and services.
- Evaluated and applied new technologies that could offer a competitive advantage to the company.

Achievements:

1. Product Innovation:

- Developed new products that enhanced MAB Institute's market position and increased market share by leveraging Fourth Industrial Revolution technologies.

2. **Operational Efficiency:**

- Implemented new technologies that improved operational efficiency and reduced costs.

3. **Enhanced Collaboration:**

- Strengthened collaboration between internal teams and external partners, leading to improved project quality and faster execution.

4. **Research Milestones:**

- Led research projects that achieved tangible results and contributed to the strategic objectives of the company.



Career Progression at Giza Engineering Institute (GEI)

Sep 2007 - 2018 (11 years)

- **Director of Training Department (GEI)**

Sep 2016 - Apr 2018

Responsibilities and Achievements:

- **Department Leadership:** Led the training department, developing and implementing strategic plans to enhance training programs and improve student outcomes. Managed a team of trainers and administrative staff, fostering a culture of excellence and continuous improvement.
- **Curriculum Development:** Designed and developed training curricula that aligned with industry standards and academic requirements. Ensured that training programs were relevant, up-to-date, and met the needs of students and employers.
- **Quality Assurance:** Implemented rigorous quality assurance processes to maintain high standards in training delivery. Conducted regular assessments and evaluations to ensure the effectiveness of training programs.
- **Stakeholder Engagement:** Engaged with industry partners, academic institutions, and government agencies to enhance training programs and create opportunities for students. Developed strong relationships with stakeholders to support the institute's mission.
- **Resource Management:** Managed department resources, including budgets, facilities, and equipment. Ensured that resources were used effectively and efficiently to support training activities.
- **Professional Development:** Provided ongoing professional development opportunities for trainers and staff. Ensured that the training team was equipped with the knowledge and skills needed to deliver high-quality training.
- **Student Support:** Developed and implemented support services for students, including mentoring, career counseling, and job placement assistance. Ensured that students received the support they needed to succeed in their training and careers.

- **Teaching Assistant (GEI)**

Sep 2007 - 2018

- Teaching CS & Scientific Research & Innovation and IT

Responsibilities and Achievements:

- **Teaching Excellence:** Delivered high-quality instruction in computer science and related subjects. Developed and delivered engaging lectures, labs, and tutorials that enhanced student learning and understanding.
- **Research Support:** Supported faculty members in conducting research projects. Assisted with data collection, analysis, and reporting, contributing to the advancement of knowledge in the field.
- **Student Mentoring:** Provided mentoring and academic support to students. Helped students develop their skills and achieve their academic and career goals.
- **Curriculum Development:** Assisted in the development of course materials and curricula. Ensured that course content was relevant, up-to-date, and aligned with industry standards.
- **Assessment and Evaluation:** Developed and administered assessments to evaluate student learning. Provided constructive feedback to students to help them improve their performance.

- **Founder & CEO (GEI)**

Jun 2010 - Jun 2016

- Communications and Electronics Conference at Giza Engineering Institute

Responsibilities and Achievements:

- **Event Leadership:** Founded and led the Communications and Electronics Conference at GEI. Developed the vision and strategy for the conference, ensuring its success and growth over six years.
- **Strategic Partnerships:** Established partnerships with industry leaders, academic institutions, and government agencies to support the conference. Engaged with key stakeholders to secure funding, speakers, and participants.
- **Content Development:** Developed compelling content and agendas for the conference. Collaborated with experts and thought leaders to deliver impactful sessions that addressed key issues in communications and electronics.
- **Logistics Management:** Managed all logistical aspects of the conference, including venue selection, accommodation, transportation, and on-site operations. Ensured that all logistics were handled efficiently and effectively.
- **Marketing and Communications:** Led marketing and communications efforts to promote the conference and attract participants. Developed and executed marketing campaigns, including social media, email marketing, and press releases.

- **Feedback and Evaluation:** Implemented feedback mechanisms to gather insights from participants and stakeholders. Conducted post-conference evaluations to assess success and identify areas for improvement.
- **IT Manager (GEI)**
 - 2007 - 2016

Responsibilities and Achievements:

- **IT Strategy and Planning:** Developed and implemented IT strategies to support the institute's goals and objectives. Ensured that IT infrastructure and systems were aligned with academic and administrative needs.
- **Infrastructure Management:** Managed the institute's IT infrastructure, including networks, servers, and workstations. Ensured that IT systems were secure, reliable, and efficient.
- **Technical Support:** Provided technical support to faculty, staff, and students. Troubleshooted and resolved IT issues, ensuring minimal disruption to academic and administrative activities.
- **Digital Transformation:** Led digital transformation initiatives, integrating advanced digital tools and platforms into academic and administrative processes. Enhanced the institute's technological capabilities and efficiency.
- **Policy Development:** Developed and implemented IT policies and procedures to ensure data security and compliance with regulatory requirements. Regularly reviewed and updated policies to reflect changing technology and best practices.
- **Vendor Management:** Managed relationships with IT vendors and service providers. Negotiated contracts and ensured the delivery of high-quality services and products.
- **Project Management:** Led IT projects from conception to completion, ensuring timely delivery and alignment with institutional goals. Managed budgets, timelines, and resources effectively.



Systra Ltd,



IT Consultant

May 2010 - Jan 2018

Responsibilities and Achievements:

- **Consulting Services:** Provided IT consulting services to SYSTRA, a global engineering and consulting group. Delivered strategic advice and technical solutions to enhance IT capabilities and support business objectives.

- **Project Management:** Managed IT projects for SYSTRA, ensuring successful delivery on time and within budget. Coordinated cross-functional teams to achieve project goals and deliver high-quality results.
- **Systems Integration:** Led systems integration initiatives, ensuring seamless integration of IT systems and applications. Enhanced operational efficiency and data accuracy through effective integration.
- **Infrastructure Optimization:** Optimized IT infrastructure to support business operations and growth. Implemented best practices for network design, security, and performance.
- **Stakeholder Engagement:** Engaged with key stakeholders to understand their IT needs and requirements. Developed and delivered solutions that addressed stakeholder concerns and added value to the organization.
- **Training and Support:** Provided training and support to SYSTRA staff on IT systems and applications. Ensured that staff were equipped with the knowledge and skills needed to effectively use IT resources.

ALHANBLY Integrated Systems Company

 **CEO**

Jan 2005 - Jan 2018

Responsibilities and Achievements:

- **Business Leadership:** Founded and led ALHANBLY Integrated Systems, a company specializing in IT solutions and services. Developed and executed the company's vision and strategy, driving growth and success over 13 years.
- **Strategic Planning:** Developed and implemented strategic plans to guide the company's growth and development. Identified new business opportunities and expanded the company's offerings.
- **Operations Management:** Managed day-to-day operations, ensuring efficient use of resources and high-quality service delivery. Established operational processes and procedures to support business objectives.
- **Client Relations:** Built and maintained strong relationships with clients, understanding their needs and delivering tailored solutions. Ensured high levels of client satisfaction and loyalty.
- **Product Development:** Led the development of innovative IT products and solutions, including the Vatrina Android App and the Credit Hours Management System. Ensured that products met market needs and quality standards.
- **Financial Management:** Managed the company's financial performance, including budgeting, forecasting, and financial reporting. Ensured the company's financial health and sustainability.
- **Team Leadership:** Led and developed a team of IT professionals, fostering a culture of collaboration and excellence. Provided mentorship and professional development opportunities to support team growth.
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Pharaoh's academy

Teaching Assistant

Sep 2006 - Sep 2007

Responsibilities and Achievements:

- **Teaching Excellence:** Delivered high-quality instruction in computer science and related subjects. Developed and delivered engaging lectures, labs, and tutorials that enhanced student learning and understanding.
- **Research Support:** Supported faculty members in conducting research projects. Assisted with data collection, analysis, and reporting, contributing to the advancement of knowledge in the field.
- **Student Mentoring:** Provided mentoring and academic support to students. Helped students develop their skills and achieve their academic and career goals.
- **Curriculum Development:** Assisted in the development of course materials and curricula. Ensured that course content was relevant, up-to-date, and aligned with industry standards.
- **Assessment and Evaluation:** Developed and administered assessments to evaluate student learning. Provided constructive feedback to students to help them improve their performance.

Early Career Experience

Maintenance and Management Supervisor

Home Appliance Service Center – Giza, Hurghada, Fayoum

Duration: Ages 12 to 20

- **Maintenance Management:** Supervised the maintenance and repair operations of home appliances, including refrigerators, washing machines, and more.
- **Customer Interaction:** Engaged directly with customers, which helped me develop my communication and customer service skills.
- **Operational Management:** Gained skills in organizing the daily operations of the center, ensuring that workflow was efficient and smooth.
- **Responsibility:** Took on responsibilities at a young age, contributing to a strong foundation for leadership and the ability to work under pressure in a real-world environment.

Volunteer Experience

Presidential Election Campaign of His Excellency President Abdel Fattah El-Sisi

Volunteer

Date: 2018

Responsibilities and Achievements:

- Assisted in the operations of the campaign's command center.
- Participated in organizing and coordinating campaign activities and events.
- Supported the logistics and management of campaign efforts.
- Engaged with campaign staff and volunteers to ensure efficient workflow and effective communication.
- Contributed to the successful execution of the campaign strategy.



National Youth Conferences- World Youth Forum

Organizing Committee

Sep 2017 - Oct 2022

Responsibilities and Achievements:

- **Event Planning and Coordination:** Planned and coordinated large-scale national and international events, ensuring smooth execution and high participant satisfaction. Developed detailed event plans, including timelines, budgets, and logistics.
- **Stakeholder Engagement:** Engaged with diverse stakeholders, including government officials, international delegates, and youth leaders. Fostered strong relationships to ensure the success of the events and promote the forum's objectives.
- **Logistics Management:** Managed all logistical aspects of the events, including venue selection, accommodation, transportation, and on-site operations. Ensured that all logistics were handled efficiently and effectively.
- **Volunteer Coordination:** Recruited, trained, and managed volunteers to support event operations. Ensured that volunteers were well-prepared and equipped to contribute to the success of the events.



THE MATE ROV COMPETITION



Judge and Mentor

Nov 2012 - May 2015

Responsibilities and Achievements:

- **Competition Judging:** Served as a judge for underwater robotics competitions, evaluating teams based on technical performance, innovation, and presentation. Provided constructive feedback to participants.

- **Mentorship:** Mentored teams participating in underwater robotics challenges, providing guidance and support throughout the competition. Helped teams develop their skills and achieve their goals.
- **Event Coordination:** Assisted in the coordination and execution of underwater robotics competitions. Ensured smooth operations and a positive experience for participants and attendees.



Minesweepers: Towards a Landmine-Free World



Judge

2013

Responsibilities and Achievements:

- **Competition Judging:** Served as a judge for the Minesweepers competition, evaluating teams based on technical performance, innovation, and presentation. Provided constructive feedback to participants.
- **Support and Guidance:** Provided support and guidance to participating teams, helping them refine their projects and improve their performance.

Education



Presidential Leadership Program

Diploma, Presidential Leadership Program,

2016 - 2017

1. Protocols, Ceremony and Etiquette Course
2. Studied National security from faculty of National Defense in Nasser Military Academy.
3. Media and Public Opinion Course.
4. Leadership skills.
5. Economic Course.
6. Political Science Course.
7. PMP Course.
8. Marketing Course.
9. Change Management Course.
10. HR Course.
11. Strategic Planning & leadership Course ", Anti-corruption State, Strategic Plans,
12. Entrepreneurship Course " SMEs, National Projects, Feasibility Studies, Financing and Market Research" in Military College of Management Sciences.
13. Human Skills "Presentation, Communication, Negotiation, Solving Problem, Motivation, Time Management and Behavioral Patterns".



Faculty of Computing and Information Menoufia University

Pre-Master, Computer Science

2009 - 2013 premaster



pharaoh's academy

Bachelor's degree, Computer Science

2002 – 2006

Certifications

Generative AI: Introduction and Applications

Authorized by IBM and offered through Coursera

Date: Jun 4, 2024

Verification Link: [Verify](#)

Introduction to Artificial Intelligence (AI)

Authorized by IBM and offered through Coursera

Date: Jun 3, 2024

Verification Link: [Verify](#)

Python for Data Science, AI & Development

Authorized by IBM and offered through Coursera

Date: Jun 10, 2024

Verification Link: [Verify](#)

Project Initiation: Starting a Successful Project

Authorized by Google and offered through Coursera

Date: Jun 6, 2024

Verification Link: [Verify](#)

Why Smart Executives Fail: Common Mistakes & Warning Signs

Authorized by Dartmouth College and offered through Coursera

Date: Jun 10, 2024

Verification Link: [Verify](#)

International Leadership and Organizational Behavior

Authorized by Università Bocconi and offered through Coursera

Date: Jun 6, 2024

Verification Link: [Verify](#)

Introduction to Software Engineering

Authorized by IBM and offered through Coursera

Date: Jun 1, 2024

Verification Link: [Verify](#)

Technical Master Trainer (TMT)

Authorized by Siemens Energy and GIZ Egypt, provided by the American Chamber of Commerce Egypt, Career Development Center (CDC)

Date: 2023

[Link to Course](#)

Innovation in government area

Authorized by edraak

Date: 2016

Training Needs Assessment (TNA)

Authorized by the French National School of Administration (ENA) and National Training Academy (NTA)

Date: July 2019

Train of Trainers

Authorized by the French National School of Administration (ENA) and National Training Academy (NTA)

Date: September 2019

Workshop on the Evaluation of Training Sessions

Authorized by the French National School of Administration (ENA) and National Training Academy (NTA)

Date: January-March 2021

Mentoring Masterclass Online Certificate Program

Foundations of Business Mentoring

Cultivating Trust in Mentoring Relationships

Leadership and Team Building Workshop

Authorized by Power Up Training Centers

Date: February 2017

Comprehensive Skill Set

Technical Skills:

- Software Development
- Network Administration
- IT Infrastructure Management
- Systems Integration
- IT Strategy and Planning
- Digital Transformation
- Technical Support
- IT Project Management

Educational and Training Skills:

- Curriculum and Training Program Development
- Quality Assurance in Education
- Teaching and University Instruction (Computer Science, IT)
- Student Mentoring and Support
- Professional Development for Trainers
- Event Planning and Coordination

Leadership and Management Skills:

- Strategic Planning and Implementation
- Leadership and Team Management
- Policy Development
- Stakeholder Engagement
- Operational Excellence
- Resource and Financial Management
- Vendor Management
- Business Leadership
- Product Development
- Change Management

Research and Development Skills:

- R&D Strategy Formulation
- Multidisciplinary Team Management
- Data Analysis and Reporting
- Product Innovation
- Operational Efficiency Improvement

Communication and Interpersonal Skills:

- Stakeholder Communication and Client Relations
- Marketing and Communications
- Volunteer Coordination
- Feedback and Evaluation Implementation
- Presentation and Negotiation Skill

Honors & Awards

Certificate of Appreciation

Issued by Administrative Prosecution Training Center for the Judicial Training

Recognition for coordination and implementation of training programs at the National Training Academy for Training

Date: 2022

Never Give Up from MATE

Date: Mar 2014

Honored by the Department of Architecture at the Institute of Higher Giza Engineering and Technology

Date: **May 2015**

Honored by the Department of Communications and Electronics Engineering

the Institute of Higher Giza Engineering and Technology

Date: **Apr 2015**

First place in the field of mechatronics

- Forum Clubs Science and Innovation Ministry of Higher Education of the Arab Republic of Egypt

Date: **Apr 2014**

Certificate of Completion

Authorized by Presidential Leadership Program (PLP)

Workshop on "Introduction to Business Continuity Management"

Date: April 2017

Certificate of Honor

For scientific efforts to develop Communications and Electronics department at Giza Engineering Institute (GEI)

Issued by GEI, Dean of the Institute, and Head of Department

Date: Communication Day 2015

Certificate of Completion

Leadership and Team Building Workshop

Authorized by Power Up Training Centers, Al Khaleej New Horizons Computer Learning Centers

Date: February 2017

Certificate of Appreciation

From Giza Engineering Institute for efforts in developing the institute

Date: Covering the years 2007-2017

Certificate of Appreciation

Participation in Bedaya Startup Academy

Issued by Nile University and GAFI, Academy of Scientific Research and Technology, and Science & Technology Development Fund

Date: April 2016

Certificate of Appreciation

Ministry of Higher Education, General Administration for Student Welfare

For participating in the Student Leadership Workshop in the Engineering Sector

Date: April 2014