

Holds B. Sc. in Mechanical Power Engineering and M. in the Energetic Equipment's Design. Has over 12 years hands-on experience working in energy management, R&D, offshore and operations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/10/1990
Gender : Male
Residence : Currently Germany

EDUCATION

- : B. Sc. in Mechanical Power Engineering, Ain Shams University, 2013
- : M. Sc. in the Energetic Equipment's Design, Technical University of Liberec under the Faculty of Mechanical Engineering, 2018
- : El-Asher Secondary School, 2008

LANGUAGES

Arabic : Native Language
English : Fluent
German : Basics
Italian : Basics
Czech : Basics

COMPUTER SKILLS

- : Windows, MS Office, Internet
- : PLM, MS Project, Catia, Solid Works, AutoCAD, Creo Parametric, Ansys Workbench, MSC Adams, Autodesk Simulation, CAT Electronic Technician, 3D Studio Max, Photoshop, After Effects, Sony Vegas, Format factory, EES, WindFarmer

TRAINING COURSES AND CERTIFICATIONS

- : Tour in Schlumberger Reda system and learned a lot about safety consideration, the artificial lift processes and its components' maintenance.
- : Trained in Leoni wiring systems Egypt for 2 months in different departments (EDM, CST, Facilities, etc.). I learned a lot about the system of part number management using huge package of software, the supply chain, planning, logistics, process engineering, the board design and Yellow belt Six-Sigma.

- : Trained in the Arabic Organization for Industry in Sakr factory in the production area for 2 weeks, we saw how rockets can be designed and manufactured, the PG-7 missiles, CL enclosures and the LNG enclosure, etc.
- : Went to Lafarge ready mix Egypt for a site visit learning mechanisms for ready concrete mixing and testing besides mixing plans.
- : 2 weeks training in the production area in Alaska Company for fridges and freezers, learning the refrigeration cycle and its components manufacturing and assembly.
- : Visit to Egypt's 2nd Nuclear Research Reactor and the Nuclear Fuel factory.
- : I had a case study sponsored by Exxon Mobil solving the problems of Egyptian railways using unique ideas through the team work.
- : Courses:
 - BOSIET courses, certified from the OPITO (Apr. 2014).
 - Mechanic, Motor operator, HSE, Permit to work and Helicopter safety awareness OJT's.
 - Safety leadership in Shelf Drilling Cairo Office.
 - Solid Works Associate with a result of 95%.
 - AutoCAD Mechanical.
 - Leoni internship program certification.
 - HR Module from Schneider Electric.
 - AOI training certification.
 - Supply chain module from Exxon Mobil.
- : Self studies:
 - Drilling technology.
 - Cars & engine details.
 - Airplanes design.
 - Machining.
 - Marines Engineering.
 - Industrial organization.
 - Jet Engine.
 - 6-sigma.
 - Lean manufacturing.
 - Underwater welding.
 - Self-Study Program by Volkswagen & Audi.

CHRONOLOGICAL EXPERIENCE RECORD

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|------------------------|---|---|
| Dates | : | From Dec. 2021 till now |
| Employer | : | Adidas AG |
| Job title | : | Sr. Energy Manager - EMEA |
| Job Description | : | <ul style="list-style-type: none"> • PPA project management. • Local & regional energy target setting process, target achievement and keeping track of relevant data, monitoring energy data, verification & Validation. • Developing the renewable energy procurement plan and the Orchestrating the cross-functional implementation for the global sustainability roadmap. • Budget planning and tracking of the regional energy portfolio and the continuous monitoring of relevant markets and Trends. • Regional management of various contracts and certificates for |

renewable energies: EAC Procurement and management, development and tracking of renewable energies, Support of local facility management and other local functions with tenders from energy suppliers on the market or in the country in energy contracts.

- Develop / implement and control of energy and carbon emission related data and data systems, the energy policy.
- Provide input on the guidelines and KPI reporting of the strategy department.
- Provide input for SBP decarbonization strategy, annual report, GC perf. Analysis, CDP, DJSI, strategic goal setting and input for the development of sustainability goals.
- Advise market teams on the planning of on-site projects for renewable energies and energy efficiency measures, including budget planning and business cases.
- Support of compliance with the global IMS certification and audits with a focus on energy management system standards (ISO 50001).
- Ensure cross-functional communication and collaboration with key stakeholders and third parties in the assigned area of responsibility.
- Provide expertise for assigned functional areas to team and business partners.
- Ensure the smooth running of day-to-day business by taking responsibility for the associated actions.

Dates : From Dec. 2019 till Nov. 2021
Employer : Mercedes-Benz
Job title : Energy Manager
Job Description :

- Develop a global energy management concept for GSP, support the achievement of strategic CO2 goals, the local energy operation goals by defined KPI in the saving and improve energy efficiency.
- Work in the field of the technical Facility, Ventilation, Heating, Gas, Air-Pressure, and Electrical Engineering, Conveyor system, renewable energy and the responsible management for the planning of external service providers in this area.
- For the replacement and/or new procurement of technical components or systems, responsible for designing a maintenance-friendly design, an energy-efficient dimensioning and its design.
- As a part-project manager, conducting complex work, such as assembly, conversion, relocation, and modernization of facilities to the customer's acceptance and handover.
- Based on activities, the establishment of internal, national and international network is also a part of the GSP locations with the aim of generating synergies.
- A close cooperation with the local authorities, operators and the GSP network partner is expected.

Dates : From Mar. 2018 till Nov. 2019
Employer : Valeo
Job title : Product Technical Leader Engineer

Dates : From Jun. 2017 till Feb. 2018 (part time)
Employer : EDAG Engineering (Externally at VW Group)
Job title : Automotive Development Engineer
Job Description :

- Developing new ideas to be a potential for all vehicle development or cost saving.
- Studying the feasibilities of development potentials.
- Evaluate the purposed ideas with different departments.
- Prepare proposals that achieve the company's future goals for the new projects i.e. electric vehicles.
- Perform market studies to make comparisons between our products and the core, strategic competitors.
- Follow up with current projects and study the impact of development ideas in real world.

Dates : From Oct. 2013 till Jun. 2016
Employer : Shelf Drilling (Transocean previously)
Projects :

- 3 National mud-pump complete overhaul and pull gear change
- Mid-life overhaul for Caterpillar Engine 3516B
- Cathead shaft overall
- Install four New Bridge Cranes
- Install New air powered Trash Compactor OEG
- Install New Mako Breathing compressor
- Designed and implemented a complete high-pressure air piping system

Job title : Mechanical Maintenance Engineer

Dates : From Jun. 2010 till Feb. 2013 (part time)
Employer : El-Alameia Co.
Job title : CAD Drawer & Designer