

Michael Samir Gad



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Date of birth: 12 February 1988.

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Marital status: Married.

Military status: Exempted.

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Objective:

Seeking a challenging position where my skills and qualifications as a Mechanical Engineer can be appreciated and motivated for the benefit of the system with an opportunity for growth.

Education:

- B.Sc. of Engineering, Alexandria University, July 2012.
-Mechanical Engineering Department.
- Graduation Project: Design of OverHead Crane.
- Graduation Project Grade: Excellent.

Work Experience:

Alexandria Constructions - Talaat Mostafa Group, The new administrative capital, Egypt
Mechanical Construction Manager (Feb 2021 - Present)

Working as a Construction Manager in the Administrative Capital For Urban Development - ACUD - at the new capital-governmental district ministries buildings.

Responsibilities

- Estimate and scope Hvac & Fire fighting trades during pre-construction.
- Receive cooling chillers using Energy Transfer Station (ETS) then distribute it over buildings through Air Handling Units (AHU) and Fan Coil Units (FCU)
- Preparing the system for Test and balance operation. And hand over all work to the consultant.
- commissioning, maintenance and trouble shooting for ETS room, AHU, FCU and Fans etc...
- Review Contract Documents, make suggestions/modifications as they relate to the Mechanical department trades
- Manage and lead Mechanical subcontractors throughout duration of the project (from Groundbreaking through Commissioning and Turnover to Owner)
- Review and approve materials and equipment of mechanical systems prior to installation and Monitor the installation and start-up of mechanical systems
- Supervise, develop and mentor project staff, if applicable
- Take overall responsibility for the performance of all Mechanical trades
- Perform pre-commissioning tasks, fix any mechanical problems, test and balance chilled water until final delivery.

TAM Environmental Services - DESALIA, Ain Sokhna, Egypt

Maintenance Engineer (Nov 2020 – Feb2021)

Working as a Maintenance Engineer in a Sea water desalination plant which provides 512000 m³/day.

Responsibilities:

- Maintain different components and equipment as pumps, reverse osmosis (RO), valves, pressure exchanger (PX), diesel, media filter, cartridge filter and welding pipes (GRP, HDPE, PVC, Carbon Steel, Stainless steel).
- Manage stocks of supplies and equipment.
- Prepare a future plan for supplies and equipment needs and ensure the process is running smoothly without any delay.
- Supervise on loading, commissioning and start-up of new stations.
- Supervise technical staff on a daily basis.
- Ensure compliance with health and safety legislation
- Diagnose faults happen in the site.

Orascom Construction, Egypt

Site Engineer (November 2016 – May 2020)

Working as a Mechanical site Engineer responsible for all fabrication and installation works of piping, steel supports and structures and all mechanical installation works in **Hydrogen Generation building, Cooling Towers (56 fans), Pump House, GRP& metal piping, lifting system and potable water system at Burullus Combined Cycle Power Plant 4800MW** in consortium with **Siemens**.

We achieved 50,000,000 LTI Environment, Health & Safety.

Responsibilities:

- Acting as the main technical adviser on a construction site for subcontractors, crafts people.
- Checking plans, drawings and quantities for accuracy of calculations.
- Ensuring that all materials used and work performed are as per specifications.
- Managing, monitoring and interpreting the contract design documents supplied by the client.
- Liaising with any consultants, subcontractors, supervisors, planners, quantity surveyors and the general workforce involved in the project.
- Communicating with clients and their representatives to keep them informed of progress.
- Planning the work and efficiently organizing the site facilities in order to meet agreed deadline.
- Resolving any unexpected technical difficulties and other problems that may arise

Scib paints S.A.E, Protective Coatings – BERGER, Alexandria, Egypt

Inspection Engineer (August 2015 – October 2016)

Responsibilities:

- Supervises all technical steps of the painting process and is responsible for delivering the product in high quality to customers..
- Evaluates bids for paints repairs. Verifies that bids are appropriate for work to be performed, determines repair activity to be performed, and the vendor to perform such repair.
- Communicate with vendors like “Hassan Allam Sons”, “Alexandria Carbon Black”.
- Inspect all Paints process in “Beni Suef Combined Cycle Power Plant ” project.

The Egyptians for Electricity & Communications, Alexandria, Egypt

Production Line manager (October 2014 – June 2015)

Producing doors and gates for huge companies and organizations with different types, materials and sizes while ensuring high quality products in reasonable deadlines.

Responsibilities:

- Overseeing the mechanical process of production, drawing up a production schedule.
- Ensuring that the production is cost effective.
- Monitoring the production processes and adjusting schedules as needed.
- Being responsible for the selection and maintenance of equipment.
- Supervising and motivating a team of workers and reviewing their performance.

Marina Platforms, Cairo, Egypt

Sales Engineer (April 2014 – October 2014)

Responsibilities:

- Marketing our products such as Cradle & BMU, Scissor Lift, Elevator & Lift, Aerial and Scaffolding,
- Searching for new clients who could benefit from our products in a designated region,
- Making technical presentations and demonstrating how a product will meet client needs.

El-Mina Electro for Electrical Contracting and Importing, Alexandria, Egypt,

Technical Support Engineer (September 2012 – February 2013)

Responsibilities:

- Gather information about Tenders, analyze components and select the best choice for them based on both quality and price.

Courses:

- OSHA Construction
- Permit To Work (PTW)

Computer Skills:

- AutoCAD 2010
- MATLAB 2010
- Windows
- Microsoft Office (Word, Excel, PowerPoint, Outlook).
- Audio and Graphic Applications.

Soft Skills:

- Excellent Presentation Skills.
- Excellent Problem solving skills.

Personal Skills:

- Ability of working in a group.
- Leadership ability
- Ability of self-learning.
- Ability to work under pressure.
- Participating in social and voluntary work.
- Hobbies (reading, listening to music, sports, etc.)

Languages:

- Arabic: Mother tongue.
- English: Good

References: Available on request.