

Mostafa Hassan Mohamed Fahmy

Senior BMS & GRMS Engineer

 mostafa.h.fahmy@hotmail.com  +201118292552  Nasr City, Cairo  26/04/1991

 Egyptian  Single  Exempted  Available

 www.linkedin.com/in/mostafa-fahmy264  <https://wa.me/201118292552>

OBJECTIVE

Seeking a challenging career in a leading Company as a project manager or team leader, that matches my field of managing, interest in automation and electrical Engineering, where my abilities and skills can be developed, and knowledge can be applied.

EDUCATION

Bachelor of Electrical and Computer Engineering

Higher Technological Institute in 10th Ramadan City

05/2017

Graduation Project: Li-Fi (Excellent Degree)

GPA : 2.1

COURSES

MASTER OF CHATGPT AI

Coursiv

05/2026 | Cairo, Egypt

Introduction to Niagara 4

Tridium

03/2025 | Cairo, Egypt

Niagara 4 Modbus Driver

Tridium

11/2025 | Cairo, Egypt

Introduction to Enterprise Security

Tridium

12/2025 | Cairo, Egypt

Revit MEP Professional

CAD Master (Autodesk Certified)

Cairo, Egypt

Mobile communications 2G,3G,4G

ITS

2015 | Cairo, Egypt

SKILLS

MASTER OF CHATGPT AI ● ● ● ● ●

Introduction to Niagara 4 ● ● ● ● ●

Project Management ● ● ● ● ●

Revit MEP Professional ● ● ● ● ●

AutoCAD ● ● ● ● ●

Microsoft Office ● ● ● ● ●

Wiring Diagrams ● ● ● ● ●

Automation ● ● ● ● ●

Hotels/Hospitality operation ● ● ● ● ●

good knowledge about operation & standards of hotels & hospitality.

Arduino & LABVIEW

Artronix

2014 | Cairo, Egypt

Microcontrollers

Jeilecom

2013 | Cairo, Egypt

Analog & digital electronics

Jeilecom

2012 | Cairo, Egypt

CNC production lines and manufacturing

Arab Organization for Industrialization

2011 | Cairo, Egypt



PROFESSIONAL EXPERIENCE

09/2024 – present

Senior BMS Design & Automation Control

Cairo, Egypt

Shaker Consultancy Group

- Design for BMS, GRMS systems (Control Sketch, Sequence of operation, BOQ, Points Schedule, MCC schedule & Single line Diagrams).
- Review client guide lines and requirements and prepare basis of design report (BODR).
- Check and approve invoice progress with contractors.
- Review any RFI's in project and action.
- Review and approve for any IR , MIR in site.
- check and review technical and financial submittals from suppliers.
- site survey for the projects.
- site supervision, testing and handing over projects.

2022 – 2024

Project Manager

Cairo, Egypt

"SAMA" Misr specialized Systems (Honeywell Partner In Egypt)

- Plans organize, directs and controls project commissioning engineers and staff in the process of installation, programming, commissioning, execution, and handover of projects.
- To assist in the Planning, coordinating and controlling all Engineering (ELV) activities in accordance with pre-arranged operating plan and programs.
- Management of subordinates, vendors, contractors, suppliers and work place.
- Solid capabilities in contractor's management.
- Assist in providing information and updates on scheduled activities.

- To liaise with the customer's representative regarding all matters outside of agreed delegated levels of authority
- Follow up all task progress to assure quality to requirements of product manufacturers, clients, site conditions and best-case practices.
- Assist department in conducting regular systems audit.
- Coordinate with different departments on various terms and conditions to ensure that projects are executed according to the correct client agreements and the company's standards.
- Reviews the project technical documentation and the contractual requirements.
- Managing, planning, budgeting and financial management related to building management system, Fire alarm, CCTV, Audio visual systems
- To ensure that all project activities are efficiently and cost-effectively executed throughout the project life cycle.
- Conducts site observation surveys and prepares field reports on the status of projects and completion of projects concerning compliance with the plans and specifications.
- Maintain and ensure QCS, QCDD, KHARAMA standards in day to day ELV system upgrade works.
- Producing or assisting in the production of all tests and commissioning documentation.
- Supervises site testing and commissioning procedures.
- Prepare testing and commissioning reports for assigned complicated and advanced projects.
- Training & Technical Support senior project and site engineers on programming, testing, and commissioning activities

2020 – 2022

Site Engineer

Cairo, Egypt

"SAMA" Misr specialized Systems (Honeywell Partner In Egypt)

- Testing, Commissioning, Programming and Start Up of BMS and stand-alone Projects. [DDC for controlling HVAC (AHU, FAHU, Chillers, FCU, VAV)]
- Involved in all Graphics Software (Niagara 4, ARENA NX, Symmetre).
- Responsible for the design and engineering work of Building Management System (BMS)
- create BMS interface design, implementation, setup and programming for third party systems (Fire alarm, VFD , Central Battery , MDB , Generators , security systems)using (BACnet/IP, M- Bus, Modbus and LonWorks).
- Responsibility of site full installation (1st fix , 2nd fix , connection & termination (devices, conduits, trunks & trays etc.).

- To work as part of a team of engineers delivering exciting projects to national and multinational clients.
- Preparation of documents Operation & Maintenance Manual, Method statement and inspection documents.

2019 – 2020

Senior Sales & Application Engineer:

Cairo, Egypt

"SAMA" Misr specialized Systems (Honeywell Partner In Egypt)

- Provide pre-sales and/or post-sales technical support to customers including commissioning, installing, testing, and maintaining products, equipment, and systems.
- Provide leadership on projects.
- Training & Technical Support for new engineers.
- Perform Preventive and unscheduled Maintenance on equipment.
- Technical Support

2018 – 2019

Factory Engineer

Cairo, Egypt

"SAMA" Misr specialized Systems (Honeywell Partner In Egypt)

“Local control panels (LCP) and Motor Control Center (MCC)”

- Assembling & Testing Panels in a Predefined Way.
- Training & Technical Support for new technicians.
- Technical Support

2017 – 2018

Technical office Engineer

Cairo, Egypt

"SAMA" Misr specialized Systems (Honeywell Partner In Egypt)

“Building management system and Motor Control Center”

- Evaluate customer technical request related to "HVAC Control System" according to BOQs, Schedules or Diagrams.
- Creation and preparation of a commercial offer.
- Follow up of proposal (Submittal) provided to customers.
- Carrying out the wiring diagram of the HVAC System Using AutoCAD

 PROJECTS

Four Seasons Hotel Cairo At Nile Plaza

Radisson Blu Hotel

Marina Hotel

Precision Measurement Equipment Laboratories (PMEL at Cairo West Military Airbase)

Petrojet Headquarter-5th District Chiller Plant

Al Azhar New Library

Egypton Japanese University (Borg El Arab) District Cooling chiller plant

Nile 66 (administrative building)

Plot 77 (administrative building)

The Gate (administrative Building)

Chipsy El Obour Factory

Chipsy October Factory

Edita Factory

Beyti Al Nobaria Factory

Pepsi Tanta Factory

Mass Food Factory

Siro Painting compartment

Porto New Cairo Mall

Al Sayad Mall

Bank Faisal Data Center Headquarter (smart village)

Applied Engineers syndicate

CID Pharma

Alex Pharma

West Damietta Power Project

Al Shabab Power Plant Project

Orange (City Stars) Chiller Plant

AL Haram Hospital

Sea Shell Hospital

AL Mansoura Kidney Hospital

Al Horria Art Center

Tasiest Project

Dar Al Mansour Palace

MAFA Farms

Al Ameria For Petrol Refining Company (APRCO)

BED TOWN (TABUK AIRBASE , SAUDI ARABIA)

Flare Factory At Katamia Military Airbase

Chlorine Factory at Egyptian Petrochemicals company EBC

Cairo Complex

King Salman International University

EL Tour City

Beko Factory

Mansoura 1 (Presidential Palace in new administrative capital)

Banks in new administrative capital

MIVIDA business park

Sky Hospital

Cairo Stadium in New Administrative Capital

 LANGUAGES

- Arabic
- English
- Russian
- French