

Sunday, February 19, 2023



Curriculum Vitae of:
Engineer / Mohammad Gad
Dubai, United Arab Emirates.
Mobile: 00971586659751
Visit visa available from February to 1st of April 2023
mohamedadelabdelazizsoliman@gmail.com
Licensed-Electrical projects & Automation engineer

 [Objective]:

My career objective is to seek expertise; by gaining practical working hours and experience in work environment and focusing in one of current following fields which are BIM electrical designing projects field, project management and factory & building maintenance engineering to prosper my career and achieve high technicality, advisory consulting and managerial positions in local and multinational corporation inside and outside the country to achieve the goal of the project.

 [Summary]:

I'm qualified electrical power and machines engineer where I worked in power stations, substations and in manufacturing corrugated boxes products factories who wants to work in related work experience e.g.: Low, Medium & High Voltage projects because I've experience, practical licenses, certificates and trainings that qualify me to the required job in my specialism field to work in local and multinational corporations, in addition to that; I believe in continuous development and valued license and skills to achieve corporation quality targets.

 My LinkedIn Link profile:

www.linkedin.com/in/ElectricalEngineerMohammadAdelSoliman

 [Work Career Experience]:
Working hours: 7360

1. From February 2023 to Present i works as Electrical Engineer: Design, Commissioning and Sales.
Location: JPR, Dubai, UAE.

• **Roles, Responsibilities with achievements:**

- Designing, applying low voltage panels switchgear.
- Shop drawing by Revit.
- Shop drawing by AutoCAD.
- Studied agile management and project management from Google and AAST.
- Troubleshooting classic control circuit and PLCs
- Designing on SCADA and HMI.

2. Electrical site executive/technical office/designing/maintenance (Construction) engineer:
from January 2022 to February 2023.

Company name: CHEC China Harbour Engineering Company SAC.
BCE Behairy Consultant Engineering.

Project name: ABO QIR MARINE PORT CONTAINER TERMINAL.

Career level: Non-Manager.

Sunday, February 19, 2023

Years of experience: Seven years.

- **Roles, Responsibilities with achievements:**

- Using excel for Pricing and inventory quantification for sockets, light system, outlet pvc or emt, cables, luminaires, panels, transformer, cable tray.
- Using AutoCAD for Electrical shop drawing for power distribution and light current systems.
- Attend meetings.
- Designing and calculation for short circuit, voltage drop, transformer, RMU and Distribution boards.
- Designing of light current system.
- Designing of Electrical Substation Primary.
- Develop and prepare distribution power and light current systems.

- **Also what I can do:**

- Corrective maintenance and troubleshooting for corrugators electrical automation and printing machines e.g.: Bobst.

3. Electrical executive/site engineer (Field service engineer) at **ASONS** for Corrugated Boxes then for **HMTO** for Manufacturing, Packing & Distribution Candy then worked as Electrical engineer for **Al Delta Car Battery Factory (Al Delta Group)**: From December 2021 to November 2021.

- **Roles and responsibilities:**

- maintenance of XHL Corrugated Production Line and maintenance of WECAN printing machine.
- Carrying out electrical connections and wiring 1ph and 3ph instead of electrician.
- Installation of glue folder machine.

- **Achievement:**

- Maintain factory productivity. Assist in construction of metal car for holding corrugated cassette.

4. Quality Assurance Electrical Engineer at **International Business Sourcing outsource company for SIEMENS ENERGY** From January 2020 to Dec. 2021.

Project Consultant: TRACTABLE ENGIE. Project Main Contractors: SIEMENS GAMESA and SIEMENS ENERGY. In project of: Lekela West Bakr 250 MW Wind farm project, Cause of leaving Job: My Contract has finished. Location: Ras Ghareb, Al Bahr Al Ahmar, Egypt. Industry : Wind farm substation 250 MW.

- **Roles and responsibilities:**

- | | |
|---|--|
| - MRR (Material Received Request). | - Primary and secondary earthing system for substations. |
| - Quality control of site electro-mechanical works includes Inspection Request. | - Cable list. |
| - Electromechanical works – supervise, execute. | - IR (from phase to phase inspection request). |
| | - Daily Report. |

5. Sales Electrical engineer at **PROTECT Co.:** from January 2020 to July 2020.

Industry: Cathodic protection and electrical lightening system.

6. Electrical engineer at **Arabian Packaging L.L.C.:** From 2019 to Dec. 2019.

Industry: Printing / Packaging – Corrugated Box Division CBD.

70% of its cartoon products was to Nestlé S.A products.

- **Roles and key responsibilities:**

- PMI for BHS and ESCADA Corrugator Lines.
- Corrective maintenance for BOBST Master Cut & Master Folder Lines

Sunday, February 19, 2023

- Corrective maintenance for Gupfort 8p, Martin 618A, 618B.
- 7. Light current systems and distribution engineer at **American Power Technology Co.:** from 2018 to January 2019.
 - **Roles and responsibilities:**
 - Analyzing tender's BOQ, Specs., vendor list, drawings, other documents came from consultant office.
 - Prepare commercial offers and technical data sheets.
 - Calculate average wires, conduits, additional materials and workmanships costs for project.
 - Prepare cost estimation for BOQ to apply as tender.
 - Support sites for shop drawings.
 - **Achievements:**
 - Accomplish IBM Smart Village, Cairo.
 - Zayed City Edge project, Al-Shaikh Zayed, 6th of October, consultant : Al Gabaly Architects.
 - B 04, Stanly region, Porto October, 6th of October, consultant : Infra Group, owner : Amer Group.

 [Certificates, Licenses, diplomas and skills]:

Certificate Name	Date Awarded	Grade	Acquired from
1) Panel Builder Software application: E-Design.	March 2023	Excellent	Egyptian Company for Engineering & Training.
2) First Aid.	Jan. 2023		Egyptian Red Crescent.
3) Google Project Management: Professional Certificate: Agile Project Management.	January 2023 24 h	95 %	Google LLC
4) Leading with innovations. Mastering Fundamentals of innovations.	Jan. 01, 2023 at 02:58PM UTC	-	PMI®
6) Project Management Foundations: Teams	Dec. 30, 2022 at 07:50PM UTC	80 %	CPE sponsors QAS and PMI®
7) Electrical transient and analysis program/ETAP.	Currently	-	EGY CET Company
8) Microsoft Project.	Course completed on Dec 29, 2022 at 06:44PM UTC 55 min	-	PMI®
9) Critical Thinking for Better Judgment and Decision-Making.	Issued December 2022 No Expiration Date	-	Project Management institute (PMI)®
10) BMS Basic level Projects: - Two Exhaust Fans. - Chiller. - Cooling Tower.	23 Nov. 2022 ~ 12 Dec. 2022 Training hours: 48 h	-	EGY CET Company
11) Revit electrical	26 Nov. 2022 ~ present Training hours: 60 h	-	EGY CET Company
12) Electrical shop drawing	2022	Excellent	EGY CET Company

Sunday, February 19, 2023

AutoCAD: Site and technical office Qualifications	Training hours: 120 h		
13) Electrical Power Distribution Design: Projects: - Commercials building & Substations.	August 2022 to October 2022 Training hours: 48 h	Very good	EGY CET Company
14) Light current systems: - Fire Alarm AutoCAD design. - Access control. - CCTV. - MATV. - data network. - VOIP telephone. - Attendance. - Nurse call. - Audio visual. - Central clock system. - Ticket dispenser /printer. - Public Address. Projects: - Commercials building & Substations.	August 2022 to October 2022 Training hours: 24 h	Very good	EGY CET Company Certified from: TUV ASTRIA ISO 9001:2015 نقابة المهندسين المصرية
15) Electrical Substation Design – Primary Work Shop (Advanced Level)	26 Dec. 2021 ~ 20 March 2022	-	Electric Power Systems Engineering Co.
16) PMP®	December 2021 to January 2022	-	AAST
17) Electrical Automation: - HMI and SCADA. - PLC s7 300 400 1200. - Classic Control. Using soft wares: - TIA. - Simatic Manager. - WinCC SP2. - WinCC flexible. - Amprolyzer. - EKTS soft wares.	November 2018 to January 2019 Training hours: 120 h	Excellent A+	EGY CET Company Certified from: TUV ASTRIA ISO 9001:2015 نقابة المهندسين المصرية
18) Solar systems designing.	2019	-	SW

 [Job key Skills]:

1) Project Management Licenses/certifications and skills:

Key Skills:	Key Skills Proficiency Level:
 Google Project Management: Professional Certificate: Agile	Upper-intermediate (PASS)

Sunday, February 19, 2023

Project Management.	
 Leading with innovations. Mastering Fundamentals of innovations.	Upper-intermediate (PASS)
 Project Management Foundations: Teams	Upper-intermediate (PASS)
 Microsoft Project.	Upper-intermediate
 Critical Thinking for Better Judgment and Decision-Making.	Upper-intermediate (PASS)
 Project Management Professional® certificate.	Upper-intermediate

2) Technical Licenses/certifications and skills:

Key Skills:	Key Skills Proficiency Level:
 Panel Builder	Excellent
 Egyptian Red Crescent: First Aid.	
 Electrical transient and analysis program/ETAP. • Introduction to ETAP thinking power. • modelling for: infinity/Authority grid, synchronous generators, cables, transformers, static loads, motors, lamped loads, switchgears. • Creating single line diagram for those power elements. • Power flow study. • Short circuit study: Types of faults, S.C. analysis, standard and definition, current making and breaking capacity sizing for C.B.'s and S.C. reports. • Motor starting: Motor background, modelling, starting analysis, parameters in ETAP, Run & Curves & Alert. • Earthing/Grounding code: IEEE80: Importance of grounding, Resistance of the earth, Selection of grounding configuration, Selection of grounding system, Earthing calculation and Measurements and Tests.	Upper-intermediate to Advanced level. Total practicing-hours: (7 hours $\equiv$ 420 minutes)
 Specification of Ring Main Unit and Smart Ring Main Unit.	Intermediate
 BIM diploma: - Revit electrical.	Intermediate
 IBMS/BAS/BMS software EIKON Automated Logic.	Intermediate
 Electrical shop drawing AutoCAD/Technical office and Site Qualification.	Advanced
 Electrical power systems distributions.	Advanced
 Light current systems certificate.	Advanced
 Electrical Substation Design Primary Work Shop (Advanced-Level).	Intermediate
 Electrical Automation troubleshooting diploma: - HMI - SCADA - PLC S7 300, 400, 1200.	Advanced
 Electrical Classic Control.	Advanced
 Solar systems designing.	Advanced

References available upon request.

 [Academic Background]:

	Division:	University:	Date:	Grade:
Master degree in:	Business Administration (in-progress)	-	-	-
Bachelor degree in:	Electrical Engineering: Power & Machines Division.	Alexandria	2011/2016	Very Good with Honors 80.2 % at Preparatory Year
Graduation project is:	Medium and Low voltage Networks for conventional and renewables Power Systems.			Project Grade Excellent 94 %
	Public Secondary School			
School Name:	Middle East Language School.		2009/2011	99 %

 **[Education]: Alexandria University – Faculty of Engineering: Electrical department**

 **Grade: very good with honors 80.2 % at preparatory year.**

 **Accumulated grade of total five years is: 63.95 %.**

 **Electrical power system designing, distribution, calculations, renewables systems presentation and HVAC system designing, distribution and calculations grade: Excellent 94%.**

 **University projects:**

- Arithmetic logic control unit hardware project.
- Auto-Parking car and Line-Follower tracker robot project.
- Heating, ventilation and air-conditioning (HVAC) project.
- Lighting system design Dialux evo project.

 [Online Certificates (self-study)]:

Topic	Website platform name	And issue date by years.
Specification of Ring Main Unit and Smart Ring Main Unit.	Online learning.	2022
Fundamentals of electrical switchgears	Alison certificate.	2022
Electrical transformers: theory of operation, transformer function, construction, classification, specification, applications, protection, grounding, tests	Online learning.	2022
A.C. and D.C. all types Circuit Breakers Constructions, characteristics curve, specifications, current ratings, setting, data, stability sequence	Online learning.	2022
Electrical Panel Boards Forms	Online learning.	2022
Earthing/grounding system for power equipment and light current systems according to IEC 60364-5-54 and Schneider, BS and IEEE	Online learning.	2022
Ecodial (print sheet).	Online learning.	2022
DiaLux.	Online learning.	2022
ETAP (AC study, DC study, v.d. and s.c. calculation)	Online learning.	2022
AutoCAD		2022
How to make dynamic block		2022
Codes, standards IEC, IEEE and BSI and		2022

Sunday, February 19, 2023

specifications		
Professional CNC programming course VFD and PID.	Online learning.	2022
CCN132 Motion Control Fundamentals using Kinetix 5700 (CIP) Servo Drives.	Rockwell Honeywell.	2020
CCP146 Studio 5000 Logix Designer Level 1: ControlLogix Logix 5000 System Fundamentals	Rockwell Honeywell.	2020

 [Languages certificates]:

- a. Practicing business English using **Cambly platform**: completed: Intermediate Conversation topics part 2, workshop: practicing Job Interviews, Advanced conversation topics, workshop: Practicing Presentations, workshop: practicing presentations, intermediate conversion topics, IELTS speaking part 1.
- b. English language level 7 intermediate level from 15/07/2012 to 15/08/2012 from Arab Academy of Science and Technology.

References available upon request.

 [Natural gas processing]:

- a. Natural gas processing from 13/09/2015 to 16/09/2015 from the Society of Petroleum engineers.

 [Soft skills]:

- Management styles.
- Relation management.
- Communication skills.
- Emotional intelligence.
- Innovations thinking.
- Out of the Box/Creative thinking.
- Critical thinking and decision making.

 [Internships in large firms and multinational companies]:

⊗ **Production Lines, machines and motors maintenance Internships:**

1. Arab Petroleum Pipelines Company - SUMED from 20 July 2015 - 6 Aug. 2015.
2. Alexandria Petroleum Company; downstream petroleum sector from 01 July 2015 - 15 July 2015.
3. Alexandria Fertilizers Company – Alexandria Fert. from 20 July 2014 ~ 14 Aug. 2014.

Company:	Information:
Siemens Energy	from 21 Jan. 2014 ~ 3 Feb. 2014. <u>Achievements in this role included:</u> • Explanation of the step down power transformer 66/11 and substation components for example but not limited to: bus bars (bus ways), plug in, tap off, cable trays, ladders and trunking, high voltage cables, surge arrester, lightning arrester, CT, VT, capacitor banks, firefighting, and lighting systems and understanding of electrical SLD. • Installing of MV substation conventional type e.g. disconnect switches, circuit breaker (switchgears), relays, interlock and the control room.
Western Delta Electricity Production Company -	from 01 July 2014 ~ 26 July 2014. Location: New Aboqir Steam-Power plant., Info: total capacity = 2x650 MW.

Sunday, February 19, 2023

WDEPC	<u>Achievements in this role included:</u> • Studying of steam cycle (Rankine Cycle) of the thermal power station. • Studying and analyzing of generators, turbines (an enclosed turbine building), the boiler (an open boiler building), step up power transformers 22/500 KV, 500 KV Gas insulated switchyard, transmission towers and transmission cables.
Alexandria Fertilizers Company.	from 20 July 2014 ~ 14 Aug. 2014. <u>Achievements in this role included:</u> • Studying and analyzing electrical power system units 66/11 KV and 11 KV /380 V indoor, power transformers, Battery units UPS, motors, pumps of the factory. • Good knowledge of Marketing, Human Resources Management, Safety and Accounting
Alexandria Petroleum Company; downstream petroleum sector	from 01 July 2015 - 15 July 2015. <u>Achievements in this role included:</u> • Good knowledge of refining of oil and products of oil. • Good knowledge of processing of natural gas. • Studying and analyzing of the control room and power system of the company.
Arab Petroleum Pipelines Company - SUMED	from 20 July 2015 - 6 Aug. 2015. <u>Achievements in this role included:</u> • Industrial Safety and Tank Cathodic Protection. • Studying and analyzing of electrical power system 66/11 KV of the company and Automation (PLC) and SCADA systems. • And Diesel generator, battery units, capacitor banks and power transformer.

 [Speaking languages]:

Language	Degree of proficiency	Certificates from Institute of:
- Arabic	mother tongue	
- English	very good(s/r/w)	In school + AAST + Cambly Application
- French	good(s/r/w)	In school
- German	Level one	Armed forces institute

 [Information Technology Certificates/skills]:

Certificate Name	Date Awarded	Grade	Acquired from
Java level one	25 March to 16 May 2018 training hours: 48 h	Grade: A-	Arab Academy for Science & Tech..
MS SQL Server, instructor: Mr. / Brewster Knowlton	16 May to 24 May 2018		Udemy.
Microsoft Access	10 March to 15 March 2018 training hours: 18 h		New Horizons Computer institute.
Microchip microcontrollers basic applications	24 August to 19 Sept. 2013		Je telecom institute.
C programming language	21 Jan. to 26 Jan. 2013		IEEE Alex Student Branch university.
embedded software development and validation	September 2020 to September 2021		IMT School institute.

**Red Hat System
Administration I**

July 10 - Aug. 13 2018

New Horizons Computer institute.

 [Key qualifications]:

- a. Full awareness of all design related software programs.
- b. Full awareness of corrugators types: ESCADA control system of Mitsubishi and MarquipWardUnited BW paper system, BHS and XHL.
- c. Awareness of WECAN, BOBST Master Cut, 618B, 618A, Ovation 7p, 924, BGM, Old Gupfort, BOBST SPO, Ovation 8p, RDC, New BGM, BOBST Master Folder converting & printing machines.
- d. Awareness of corrugated packaging industry and process.
- e. Awareness of power station and Ss.
- f. Solutions for classic control circuits.

 [Interests/Hobbies]:

I am interested in: in-general all types of sports, social medias and photography.

 [Volunteering experience]:

 Organizer of MEPCON Conference 2012, 15th International Middle East Power System Conference.

Type: Economic Empowerment.

 **Academic Field:**

EED from Sep 2014 - Jan 2015.

Worked as voluntary member for 5 months at EED student branch (at Alexandria University).

Type: Education.

 Resala Charity Organization from Sep 2012 - Dec 2012.

 [Personal info.]:

Full Name: MOHAMED ADEL ABDEL AZIZ SOLIMAN GAD

- **Passport Visa Status:** visit visa available from 15 February to 1st of April 2023.
- **D.O.B:** 9 March 1993.
- **Marital status:** Single.
- **Address:** JPR, Dubai, U.A.E..
- **Nationality:** Egyptian.
- **Current location:** Alexandria, Egypt.
- **Driving License:** valid expiry year: 2025(Egypt).
- **Own Car:** No, i don't have a car.

 [Contact info.]:

- I prefer phone interview or online interview
- Mobile phone number: 0020 1224564849/+201224564849/+971504566933/00 971 58 66 59 751
- Home tel. number: 03 427 30 96
- **Linkedin url/profile :** <https://www.linkedin.com/in/mohamed-adel-electrical-engineer/mohamedadelabdelazizsoliman@gmail.com>
- mohamed.adel.abdelaziz.g@gmail.com
- mohamed.adel.abdel-azeez@outlook.com

[References and certificates are available upon request]

[LinkedIn profile: www.linkedin.com/in/ElectricalEngineerMohammadAdelSoliman]

References available upon request.