

PERSONAL INFORMATION

Khalid Othman



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Sex Male | Date of birth 1/9/1988 | Nationality Egyptian

Solar Thermal Energy Engineer with 5 years of Experience, and I'm looking for new opportunities in the field. I'm a hard worker and dedicated professional engineer.

Also, I managed many solar projects implementations as a design and site solar professional engineer. Finally, I made many solar thermal training sessions as a certified trainer engineer though Renewables Academy "RENAC ", Berlin.

My skills include solar design, REVIT, Navis Works, PMP and English (advanced).

Egyptian Systems

(March 2016 –Present)

Some important projects

Senior Design and Site Engineer

- Senior for site and design solar thermal applications
 - Design Engineer for solar pumping system
 - Design Engineer for Centralize industrial Solar Thermal applications
- Applying 33600 liters of solar water heating at the national Egyptian tunnel project connecting Sanai to Egypt through Suez Canal. (Senior site and design engineer)

Acropol

(March 2015 – Feb 2016)

Some important projects

Design and Site Engineer

- Site Engineer for solar pumping systems
- Site Engineer for PV on-grid systems
- Site and Design Engineer for Centralize Industrial Solar Thermal applications
- Site Engineer of a ten people's team

1. Telecommunication minister Smart-Village MB4 Building (6000 liter solar thermal hot water design and installation engineer)
2. Toshka 50 horse-power solar pump (site installation engineer)
3. 50 KW PV system for diesel pump irrigation at Al-Minia.

TAQAMISR

(June 2014 –Feb 2015)

Some important projects

Design and Site Engineer

- Site and Design Engineer for Centralize Industrial Solar Thermal applications
- Site Engineer for Sola-Tube day lighting systems
- Site Engineer of a ten people's team

- 1) (PEPSICO Factory) 12000 liter hot water for hand wash, labors fixture, manager bathtub.
- 2) Construction Products Holding Company (CPC) 10000 liter hot water for services building for labors.
- 3) Raya Leasing Building (6th October) 14000 liter hot water for 3 building A, B, C.
- 4) (Chipsy 6th October Factory) install 170 unit of Solatube in production line (Solatube day light systems, installed in site)

5) Qualified Engineer for safety regulations with PEPSICO and P&G.

E-Green

(April 2013 – May 2014)

Some Important Projects

Presales Engineer for Centralize industrial Solar Thermal applications, PV Power Stations, LED Lighting Systems, Solar Pumping and Sola-tube Lighting Solutions

Business or sector Solar Energy and Energy efficiency.

- CIB (Centralize Solar Thermal Application)
- BAPETCO "Shell Egyptian Co-venture and Oil Owner" (LED lightings)
- Petrobel "Oil Owner" (PV systems)
- Qarun "Oil Owner" (PV systems)
- East Ziet (PV systems)
- Dana Petroleum (PV systems)
- Smart-Villages Co. (PV systems)
- Madinet Nasr For Housing (PV systems & LED Lightings)
- Galleria Moon Valley (PV systems & LED Lightings)
- Madinaty (PV systems & LED Lightings)
- Wadi Group (Agricultural Applications) (Solar Thermal Heating)
- Sanofi Avents (Pharmaceuticals Industry) (Solar Thermal Heating)
- Heliopolis Uni. (PV systems & Solar Thermal Heating)

PERSONAL SKILLS

Computer skills

- **REVIT** Certified Professional Engineer
- **Navis Works** Professional Engineer
- **Microsoft Project Management**
- Professional with **AUTO CAD**,
- Professional with **HAP**
- Professional with **EES**
- Experience with **T-Sol**.
- Professional with **Microsoft Office tools**

You can have all my credentials through the **LinkedIn** link

<https://eg.linkedin.com/in/khalid-othman-aa959865>

Mother tongue(s) Arabic

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C 1	C 1	C 1	C 1	C 1
Undergraduate and Post Graduate Program English Is the Exclusive Language					
Dutch	A 1	A 1	A 1	A 1	A 1
French	B 1	B 2	B 2	B 2	B 2

High School French Is the second Language

Communication skills

- Self and fast learning & Team work ability
- good communication skills gained through my experience as sales engineer

Organisational / managerial skills

- Able to work with diverse team persons
- leadership (currently responsible for a team of 10 people)
- Project management and planning for efficient organized working

Job-related skills

- good command of quality control processes (currently responsible for quality audit)
- Under pressure working & Long time work ability
- Extensive use of laboratory data acquisition, and test devices.
- Good research ability Good communication skills

Other skills

- Reading books of different branches of science
- Learning, teaching and helping others
- Interesting of learning new techniques.

Driving licence

- B

EDUCATION AND TRAINING

Pre-College level (2001 - 2004)

High General Secondary School Certificate

97 %

El-Sadat Secondary School

B. Sc., Mechanical Engineering
(2005 - 2012)

Power Mechanical Engineering

60.12 %

Faculty of Engineering, Cairo, Egypt

- Graduation Project
- Title: **Full Design of Domestic Solar Water Heating System.**
- Mention: Distinction.

High Studies Diploma of Air
Conditioning and Refrigeration,
Mechanical Engineering ,(2012 -
2014)

Power Mechanical Engineering

GPA 2.9 / 4

Faculty of Engineering , Cairo, Egypt

- Project:: Air Conditioning a Car Using PV System.
- Mention: Distinction

The Diploma dealt with the different topics:

1. Air Conditioning Load Calculations
2. Refrigeration and Air Conditioning System Design
3. Pipe Line Design
4. Solar Thermal Design
5. Renewable Energy
6. Heat and Mass Transfer
7. Engineering Measurement
8. Thermo Dynamics
9. Engineering Economy
10. Numerical Computer Applications

RENAC train-the-trainer,
(April 2014 - Present)

Solar Thermal, Train-the-Trainer Program

Renewables Academy, Berlin, Germany

Practical Program

The Program dealt with the different topics:

1. Interactive didactical training (teaching methods, video recordings, presentation and teaching skills)
2. Organisational training (seminar planning, developing course content)
3. Solar thermal systems and applications
4. Solar resource
5. Collectors and other system components
6. Solar thermal system configurations
7. Large-scale solar thermal system design
8. Project management and system economics
9. Practical installation aspect-system commissioning, O&M
10. Training using solar thermal simulation software.
11. Practical installation training- site visit and use of solar thermal equipment.

RENAC Online Training,
(March 2014 – June 2014)

Capacity Building on Integration of Large Amounts of Renewable Energy in Electricity Grids (ReGrid®)

Renewables Academy, Berlin, Germany

Online Training

The online training covered the following topics

- Scenario development for electricity generation from wind and solar
- Generator concepts for renewable energy
- Short term prediction of wind and solar power
- Balancing power calculation Grid codes for renewables
- Generation expansion planning of systems with high share of wind and solar
- Grid integration studies and system integration studies
- Short-, medium and long term storage

NREA,
New and Renewable Energy
Agency, Cairo, Egypt

Complete General Study of Renewable Energy and Energy Efficiency Systems

(June 2011 – September 2011).

Complete training for the following systems

- Solar Thermal applications.
- Photo Voltaic applications
- Wind Turbines, site visit
- Different Testing and Measuring Lab Devices.

Shoubra Power Station,
(June 2011 – September 2011).

Combined Steam Power Generation Plant

Shoubra 300 MW Power Station, Cairo, Egypt

Power Plant

- Maintenance.
- Operating.
- Troubleshooting.

United Arab Contractors,
(June 2009 – September 2009)

Complete Training of Different Power Mechanical Engineering

United Arab Contractors, Cairo, Egypt

Complete training for the following systems

- Diesel Engine maintenance
- Spark Ignition Engine maintenance
- Production Mechanical Engineering different Workshop

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