

Holds a B. Sc. in Electrical Engineering and has about 10 years hands-on experience working in design field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/09/1984
Gender : Male
Marital Status : Married
Residence : 6th of October

EDUCATION

: B. Sc. in Electrical Engineering, Helwan University, 2006
: Saad Zaghoul Secondary School, Cairo, Egypt, 2001

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Revit MEP
: AutoCAD (2007, 2015)
: Dialux, Calculux
: Ecodial, ETAP, Cummins Power Suite
: Elevate
: Matlab

TRAINING COURSES AND CERTIFICATIONS

: Schneider consultant training sessions (Jun. 2015).
: Revit MEP 2012 (Oct. 2011).
: Summer training course in Cairo South Power Station (Sep. 2005).
: Matlab course (Sep. 2005).
: English course in AUC (level 8 "B+") (Sep. 2006).
: Automatic control course (self study).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2013 till now
Employer : Shaker Consultancy Group (SCG) – Egypt
Job title : Senior Electrical Engineer
Job Description :

- Assist section head in his duties.
- Direct and manage the design team.
- Perform the design calculations.
- Prepare construction documents comprising drawings, technical specifications, and bills of quantities.
- Prepare cost estimates.
- Prepare feasibility and value engineering studies.
- Review and approve project material submittal.
- Prepare / Review and approve shop drawings.
- Evaluate bids and issue recommendation report.
- Evaluate change orders.
- Coordinate design work with other trades.

Dates : From May 2011 till Jul. 2013
Employer : Raafat Miller Consulting (RMC) – Egypt
Job title : Electrical Project Engineer
Job Description :

- Perform the design calculations.
- Prepare construction documents comprising drawings, technical specifications, and bills of quantities.
- Prepare cost estimates.
- Review and approve of project submittal and shop drawings.
- Prepare / review and approval of shop drawings.
- Coordinate design work with other trades.
- Attend progress and technical meetings.
- Review the design engineer's work.
- Prepare feasibility and value engineering studies.
- Evaluate bids and issuing recommendation report.
- Evaluate change orders.
- Assist in preparing technical proposals.
- Coach design engineers.

Dates : From Apr. 2010 till May 2011
Employer : Engineering Consultants Group (ECG) – Egypt
Job title : Junior Electrical Engineer
Job Description :

- Perform the design calculations.
- Prepare construction documents comprising drawings, technical specifications, and bills of quantities.
- Prepare cost estimates.
- Review and approve of project submittal and shop drawings.
- Prepare / review and approval of shop drawings.
- Coordinate design work with other trades.
- Attend progress and technical meetings.
- Review the design engineer's work.

- Prepare feasibility and value engineering studies.
- Evaluate bids and issuing recommendation report.
- Evaluate change orders.
- Assist in preparing technical proposals.
- Coach design engineers.

- Dates** : From Nov. 2006 till Apr. 2010
- Employer** : Allied Consultants Office – Egypt
- Job title** : Junior Electrical Engineer
- Job Description** :
- Perform the design calculations.
 - Prepare construction documents comprising drawings, technical specifications, and bills of quantities.
 - Prepare cost estimates.
 - Review and approve of project submittal and shop drawings.
 - Prepare / review and approval of shop drawings.
 - Coordinate design work with other trades.
 - Attend progress and technical meetings.
 - Review the design engineer's work.
 - Prepare feasibility and value engineering studies.
 - Evaluate bids and issuing recommendation report.
 - Evaluate change orders.
 - Assist in preparing technical proposals.
 - Coach design engineers.
- Field of experience** :
- Design of all electrical infrastructure networks (Medium voltage, Low voltage, Street lighting, Fiber optics) Including plans, single line diagrams, details and calculation sheets.
 - Electrical substations detail design (arrange all electrical equipment inside as transformers, generators, RMU's, MDB's, MVSG, with all related architecture requirements).
 - Preparation of Lighting, Power and cable routing Design drawings, including plans, single line diagrams, details and panel schedules with load balance and phasing.
 - Preparation of Street Lighting Design drawings, Including plans, single line diagrams, details, sections and LUX calculations.
 - Preparation of Earthing and lightning protection design drawings, including plans, single line diagrams and details.
 - Design of Triple play system (IPTV, IP telephone, Internet) network including plans, single line diagrams and details.
 - Preparation of Light Current design drawing for several systems (Data, Telephone, Fire alarm, TV, Public address, Master clock system, IP clock system and Nurse call), including plans, single line diagrams and details.
 - Preparation of Security system design drawing for several systems (IPCCTV, CCTV, Access control and Intrusion system), including plans, single line diagrams and details.
 - Preparation of Home Automation design drawing for several systems (Motion sensors, Curtain control, Audio video intercom, home theater, HVAC control, Sound system and Dimming panels), including layouts plan, single line diagrams and details.

- Preparation of calculation sheets (Voltage drop, Short circuit, Lux, Generator size and Uninterruptible Power Supply (UPS)) using several programs like (Ecodial, ETAP, Calculux, DiaLux and Cummins Power Suite) respectively.
- Perform all necessary drawings & documents for the projects, Submissions Developments (Schematic, Design, Construction, Tender Developments and Shop drawing Development).
- Preparation and pricing for B.O.Q's.
- Prepare Concept reports and Specifications.
- Preparation & revising shop drawings.
- Coordination meetings with owners, architecture, civil design engineers and all other MEP trades.
- Preparation a value engineering reports.
- Technical meetings with contractors and supplier engineers.
- Periodical visiting to sites for inspection and solving technical problems.
- Good knowledge in Egyptian code of electricity, DEWA, ADWEA, SECECO, KAHRAMAA, British standard and NEC.

Projects:

- District cooling plan:
 - Merdif district cooling plan – Dubai.
 - Al-Quz district cooling plan – Dubai.
 - Sowah Island – UAE.
 - BFH – Bahrain.
- Workshops and showrooms:
 - Suzuki warehouse – Egypt.
 - Nessian warehouse – Egypt.
 - Schlumberger – Egypt.
 - EIM New Service Center - Abou Rawash, Egypt.
 - Verinno Warehouse – Egypt.
 - Bosch Service Center – Egypt.
 - Carmen Project – Egypt.
 - Warehouse – Abu Dhabi.
 - El-Mansoura bus station – Egypt.
 - Hyundai maintenance workshop – Ismailia road, Egypt.
 - Hyundai maintenance workshop – Alexandria road, Egypt.
- Infrastructure Projects:
 - Maspero triangle – Egypt.
 - Medi Town – Egypt.
 - City Stars – Sharm El-Sheikh, Egypt.
 - New Giza – Egypt.
 - Adera – Egypt.
 - Al-Jazi gardens – Egypt.
 - Pyramids Heights – Egypt.
 - Lake Dream – Dreamland – Egypt.
 - Porto Sharm – Egypt.
 - Porto Cairo Phase 2 – Egypt.
 - EIM New Service Center – Abou Rawash, Egypt.
 - Al-Basrah sports complex Phase II – Iraq.
 - Village F East (Up Town) – Egypt.
- High rise buildings:
 - Tiara United Towers – Dubai.

- Lot E3 – Jeddah.
- Al- Raisi Tower – Abu Dhabi.
- Al-Muhery Tower – Abu Dhabi.
- Colleges, Schools:
 - New Giza University – Egypt.
 - Cairo American College "CAC" – Egypt.
 - Al Qassim University – Saudi Arabia.
- Seaport:
 - Ras Hilal fishing harbor II – Libya.
- Airport:
 - Cairo International Airport TB2 – Egypt.
 - Peace vector VII West Cairo – Egypt.
- Hotels:
 - Chouifat Hotels – Egypt.
 - Seashell – Egypt.
 - Hurghada Hilton – Egypt.
 - New Giza – Egypt.
 - Jabal Omar S8 Novotel – Saudi Arabia.
 - EWAA – Saudi Arabia.
 - Jabal Omar S9 Sofitel – Saudi Arabia.
 - AMWAJ Resort – Um Al Quwain.
 - Bin Samikh – Qatar.
 - Jaz Little Venice – Egypt.
 - Porto Sharm – Egypt.
- Hospitals:
 - New Giza Hospital – Egypt.
 - New Giza Medical Center – Egypt.
 - Al Nada Hospital – Egypt.
 - Al Nada Medical Center – Egypt.
 - As-Salam International Hospital – Egypt.
 - Asfour Hospital – Egypt.
 - Ghana Hospital – Ghana.
 - Medical B Porto Cairo – Egypt.
 - Medical A Porto Cairo – Egypt.
- Football Stadiums:
 - Al-Najaf sports complex – Iraq.
 - Al-Menna sports complex – Iraq.
 - Al-Basrah sports complex – Iraq.
 - King Saud Stadium – Saudi Arabia.
- Office buildings:
 - PSP Elswedy Office Building – Egypt.
 - Qatari Diar – Egypt.
 - Domiatec Group office building – Egypt.
 - Umsalal municipality building – Qatar.
 - Raya plaza leasing building (Galleria 40) – Egypt.
 - Raya 133 – Egypt.
 - Ambulance head quarter building – Egypt.
 - Administrative Court – Saudi Arabia.
 - Palestinian Consulate – Egypt.
 - Iskan – Egypt.
 - Toyota – Egypt.
 - CFC- Business park "C" – Egypt.
 - El Sewedy cables administrative building – Egypt.

- Old town residential meeting room – Dubai.
- The Eighth Gate – Syria.
- Global brands – New Cairo, Egypt.
- Arkan head quarter – Abu Dhabi.
- Water way – Egypt.
- Maersk Line – Egypt.
- Giz Group – Egypt.
- Community buildings:
 - Kings Athletic City – Egypt.
 - Allegria Club House – Egypt.
 - King Abdallah Economic City Community Center – Jeddah.
 - King Abdallah Economic City Women’s Spa – Jeddah.
 - King Abdallah Economic City Clubhouse – Jeddah.
 - Al Zohor sporting club – Egypt.
 - Arkan Laundry – Abu Dhabi.
 - Club Liko – Egypt.
 - Marasi swimming pool building – Egypt.
 - Wedding Hall – Saudi Arabia.
- Shopping mall:
 - Mall of Arabia furniture (Home concept) – Egypt.
 - East Somed Raya Mall – Egypt.
 - King Abdallah economic city retail building – Jeddah.
 - Arkan shopping mall – Abu Dhabi.
 - Arkan Restaurant – Abu Dhabi.
 - Hedeya – Egypt.
 - Home Expression Showroom – Egypt.
 - Makary Showroom – Egypt.
 - Tagoury Showroom – Egypt.
 - Janssen Showroom – Egypt.
 - Istikbal Showroom – Egypt.
 - Mobeliana Showroom – Egypt.
 - Comfort Sleep Showroom – Egypt.
 - Khalid Nour Showroom – Egypt.
 - Apex Showroom – Egypt.
 - City Home Showroom – Egypt.
 - Premier Showroom – Egypt.
 - Saloni Showroom – Egypt.
 - Mazaj Café – Egypt.
 - ORO Showroom – Egypt.
 - Maadi Cafi – Egypt.
- Residential Buildings:
 - Adera – Egypt.
 - Forty West – Egypt.
 - Al-Kudeem building – Abu Dhabi.
 - Greek village – Marasi, Egypt.
 - Catania village – Marasi, Egypt.
 - Armani residences – Marasi, Egypt.
 - Madinaty – Golf zone, Egypt.
 - Jebelah villas – Kuwait.
 - Mivida village (Up Town) – Egypt.
 - Arora village (UP Town) – Egypt.
 - Village -F- East (UP Town) – Egypt.
 - Village -F- West (UP Town) – Egypt.

- Tadros Villa – Egypt.
- Al Gairawan Villas – Saudi Arabia.
- Mrs. Areej Villa – Saudi Arabia.
- Villa Sheikh Al Rugaid – Saudi Arabia.
- Jewel of Malabo Villa – Guinea.
- Villa Mr. Allam (Swan Lake) – Egypt.
- Villa Mr. Wissa – Egypt.
- Villa Mr. Darwish – Egypt.
- Villa Mr. Iskander – Egypt.
- Villa Dr. Nagui Riad – Egypt.
- Villa Mr. Mohamed Eltawel – Egypt.
- Villa Mr. & Mrs. Yaseen Elsayaad – Egypt.
- Villa Mr. Karim Hassin – Egypt.
- Villa Mrs. Laila Mosa – Egypt.
- Villa Mr. Mohamed Eid – Egypt.
- Villa Mr. Ahmed El-Alfy – Egypt.
- Villa Mr. Tarek Said – Egypt.
- Villa Mr. Ghoneim – Egypt.
- Villa Mr. Mamdouh Salman – Egypt.
- Saleh Kamel Palace – Egypt.
- Villa San Stefano – Egypt.
- Madkhali residence – Egypt.
- Rageb Palace – KSA.
- Guest house – KSA.
- Zubary – Libya.
- Malabo villa – Equatorial Guinea.
- Utonde Resort – Equatorial Guinea.
- Mosque:
 - King Abdallah economic city mosque – Jeddah.
 - Alobor mosque – Egypt.
 - Arkan mosque – Abu Dhabi.
- Data Center:
 - Vodafone – Third district, Egypt.
 - Raya leasing building – Egypt.
 - Raya 133 – Egypt.
 - Ambulance building – Egypt.
- Site Supervision:
 - Raya leasing building – Egypt.
 - EIM New Service Center – Abou Rawash, Egypt.
 - Club Liko – Egypt.
 - Saleh Kamel Palace – Egypt.
 - Hedeya – Egypt.
 - Mars factory – Egypt.
- Shop Drawing:
 - Qatar Embassy – Egypt.
 - Dahshour Showroom (Sodic) – Egypt.
 - Cairo Plaza, North Tower – Egypt.
 - Al-Basrah sports complex – Iraq.
 - Al-Najaf sports complex – Iraq.
 - Al-Menna sports complex – Iraq.
 - Porto Cairo Mall – Egypt.
 - PSP office building – Egypt.
 - El Ahly Club – Egypt.

- Nakana Mall – Guinea.
- Puma Office building – Guinea.