



YASSER MOHAMMED

ELECTRICAL BIM DRAFTSMAN

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LinkedIn Profile:

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Exposure : 2 years in BIM Electrical modelling (*Industrial & Commercial buildings construction*)

: 14 years in Electrical Drafting (*Residential, Commercial, Administrative & Hospitals construction & Design*)

- Skills**
- Drafting (Lighting-Power-Low Current systems-Cable routing-Electrical Substations).
 - Pro in Revit Advanced families.
 - Panel Schedules production.
 - LUX Calculations using Dialux Evo.
 - Voltage Drop Calculations by EcoStruxure Power Design - Ecodial & Manual.

For 14 years, I have been passionate in my career as draftsman through different projects spanning (Residential, Commercial, Administrative, Hospitals, Industrial & Highrise towers) within my country and overseas. My objective is to increase my knowledge in BIM and low current systems design and to enhancing my abilities and knowledge in programming to take advantage of advanced features in Revit applications.

WORKING AND PERSONAL EXPERIENCE

Oct 2021 - Sep 2022

SENIOR ELECTRICAL DRAFTSMAN/BIM ELECTRICAL DRAFTSMAN

Protection for Contracting & Design (Egypt)

PROJECTS

Albeida Textiles Factories, Shop Drawings & BIM modelling (Kafir El Sheikh)
Alasmarat Mall, Shop Drawings & BIM modelling (Cairo)

- Helping in the set up of the BIM standard in the company.
- Utilizing Parametric & Advanced features in the creation of Electrical Revit families.
- Modelling of electrical systems in Revit (Lighting - Power - Cable trays - Busways - LC systems).
- Coordinating the Electrical systems with other trades to produce a coordinated BIM model.
- Marking & producing reports of clashes with other trades using Autodesk Docs & Navisworks.

Reason to resign: Relocation with family to Malaysia

Nov 2020 - Sep 2021

SENIOR ELECTRICAL DRAFTSMAN

Alshorouk Construction (Egypt)

PROJECTS

Al saloom Landport Land immigration control point, Shop Drawings (Al Saloom)
Assiut & Port Said national universities, Shop Drawings (Assiut & Port Said)

- Fully responsible to produce Electrical systems Shop drawings.
- Helping in the set up of the BIM standard in the company.
- Creation of Electrical Revit families & project templates.

Reason to resign: Relocating to a new job that offers extra experience with BIM procedures & standards

Oct 2014 - Oct 2020

SENIOR ELECTRICAL DRAFTSMAN
Arabian Construction Company ACC (KSA)

PROJECTS

Jabal Omar Development Phase III, Shop Drawings & As-built (Makkah)
Jeddah Gate Lot-E5, Shop Drawings (Jeddah)
Al-Nakhlah MIG Tower, Shop Drawings & As-built (Riyadh)

- Managing other drafters to help in the production of shop drawings as per projects requirements & time frames.
- Responsible for coordination with ID department to produce Shop drawings for (Lighting – Power – LC Systems & Cable Routing).
- Responsible for producing shop drawings for Technical floors, Electrical MDBs, Transformers & MV rooms.
- Doing Lux calculations for Presidential Suite & Penthouse with Dialux Evo in Jabal Omar project.
- Managed to point out various shortcomings in the design concept (some unaccounted electrical loads in the retail areas where the designers just put small amperage disconnect switches & cable sizes instead of the actual needed amperage of the actual loads & cable sizes) in Jeddah Gate lot-E5 project.

Reason to resign: Was let go by the company because of Covid-19 economic turmoil

Oct 2013 - Sep 2014

SENIOR ELECTRICAL DRAFTSMAN
Mechatronics International MTI (Iraq)

PROJECT

Al-Najaf Educational Hospital, Shop Drawings (Najaf)

- Helping in Producing Shop drawings for electrical systems for Main Hospital Building.
- Producing detailed Shop drawings for (Patients rooms – Medical Operation rooms) with Elevations.
- Fully responsible for Laying out the Electrical Substation & producing detailed drawings for cable feeders Incoming & outgoing.
- Helped in producing some of the false ceiling shop drawings.

Reason to resign: Security situation in the country became unstable with ISIS + offered job opportunity in Saudi Arabia with another multinational company.

Jan 2013 - Oct 2013

ELECTRICAL DRAFTSMAN
Engineering Solutions (Egypt)

PROJECTS

Porto Sharm Hotel, Design (Sharm El-Sheikh)
Jeddah Administrative Court, Design (Jeddah, KSA)

- Laying out Electrical & low current fixtures in the buildings.
- Laying out (Street Lighting – Medium Voltage Network – Low Voltage Network & Fiber Optics Network) in **Porto Sharm hotel project**.
- Producing single line diagrams for Street Lighting in **Porto Sharm hotel project**.
- Laying out The Electrical equipment for Substation in **Jeddah Administrative Court project**.
- Laying out Lightning Protection in **Jeddah Administrative Court project**.

Reason to resign: Relocation for working in Iraq with multinational company.

Oct 2011 - Dec 2012

ELECTRICAL DRAFTSMAN
Dar for Trading & Construction DETAC (Egypt)

PROJECT

Damac Park Avenue, Shop Drawings & As-built (Cairo)

- Producing (Power – Low Current) Drawings.
- Producing Basement floor (Main feeders – Low Voltage & Low Current) Cable Trays.
- Producing Substation Drawings.
- Producing Landscape Lighting – Power – & Low Current) Layouts & Calculating Voltage Drop for it's Lighting Cables.

Reason to resign: Chance to work in design firm & have more knowledge in various electrical systems designs.

EDUCATION

DIPLOMA, MAJOR IN ELECTRICAL MEASUREMENTS & CONTROL DEVICES

Almataryia Technical Industrial Institute, Cairo, Egypt

TECHNICAL SKILLS

- **AUTODESK AUTOCAD VARIOUS VERSIONS**

Knowledge of all the basic commands & mastery of working with Xref workflow, Dynamic blocks & advanced optimization & using Lisp files.

- **AUTODESK REVIT 2013 & 2019**

Advanced course under Autodesk authorized trainer where I undertook the basic modelling of electrical systems & understanding Revit family creation techniques & Worksharing setup & execution.

- **AUTODESK NAVISWORK MANAGE 2019**

Working in the application to Produce Clash reports & exporting them to team members to identify the clashes & solve them.

- **DIALUX EVO VARIOUS VERSIONS**

Setting up a project with Architectural elements & choosing the Lighting fixtures & doing Lighting simulation studies to insure the Lighting meets the code standards.

- **SCHNEIDER ELECTRIC ECOSTRUXURE POWER DESIGN – ECODIAL**

Setting up projects & doing Voltage drop calculations.

LANGUAGE

Arabic

- Native

English

- Fluent and good

Jobstreet English Language Assessment (JELA)

Date Taken : 24/07/2020

Score : 36/40

REFERENCES

(For more references may inquiry by request)

MR TAREK MOHAMMAD ZOROMBA

Alshorouk Construction | Head of MEP Department & VP Project

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PORTFOLIO

www.dropbox.com/sh/3ydofj4clfgzpt0/AACsp0B0Ge2fEgb9iqJNOvh_a?dl=0

SOFT SKILLS

- Detail oriented and organized.
- Fast learner and work with minimal supervision.
- Reliable and professional work ethic.
- Very highly team oriented and management.