

Mohammed Eldreny

Mechanical BIM Engineer

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alexandria- Egypt



SUMMARY

Mechanical Engineer +2 years of experience in the mechanical field, active supervision management at MEP especially in firefighting and MEP BIM modeling. Experienced with almost all stages of the development cycle for the projects.

EDUCATION

Alexandria University

B.Sc. degree in mechanical Power Engineering.
2017-2022

Project: HVAC design and control for hospital
Project Grade: **excellent.**

SKILL HIGHLIGHTS

- Strong decision maker.
- Complex problem solver.
- Self-leading and learning.
- Service focused.
- Team work.
- Detail oriented.
- Quality control.
- Fast acting.

TRAINING

- NREA Training for new and renewable energy
- SIDI KRIR Power plant training on site.
- MEP Fundamentals training.

COURSES

- MEP MAX at ASEC consultant.
- BIM online Course.
- Solidworks Basics.



SOFTWARE

- AutoCAD.
- Revit MEP.
- Hap.
- Elite fire.
- ASHRAE duct fitting database.
- Duct sizer.
- MS Office.
- Navisworks.

PROFESSIONAL EXPERIENCE

Mechanical BIM Engineer- Concerted solutions FZE Dubai 04/2024:Present



- Building 3d models , clash detection, attend coordination meetings , Prepare shop drawings and technical submittals , Responsible for project related documentations.
- Prepares boq schedules from bim modeling , Performing design engineering responsibilities.
- Our project is King Faisal air Academy project (KFAA) and the project is Scan to BIM We received the shop drawings , the RFI's , FCR's , revit models and the point clouds as inputs our scope is to extract the LOD 500 BIM model after reviewing the sheets and compare it with the point cloud and editing or changing as shown in the point cloud , RFI's and FCR's *then we extract the LOD 500 BIM model sheets (as built) as our outputs

Operation & maintenance engineer – Delta for printing & packing.

(9 MONTHS)06/2023 : 03/2024



- Dealing with all printing machines.
- Dealing with SRU.
- Manage the PM'S for all mechanical equipment.
- Manage the operation of the printing & SRU units.

Site technical office engineer – Firetech for firefighting. F.F project of Textile factory at Fayoum.

(12 MONTHS) 7-2022:6-2023



- Manage projects containing many firefighting systems. Manage scope, requirements, time, cost, quality, risks, and integration.
- Respond, determine, maintain, test, and re-operate faults and crashes.
- Cooperate with managers and guide my team to complete work.
- Coordinate between different 12 sections of the project.
- Develop project concepts and maintain optimal workflow.

LANGUAGES

- Arabic: Mother tongue.
- English: Very good reading, writing and speaking.
- Italian: good.