

About me

Electro-Mechanical Engineer, I have gained solid knowledge as an Electrical site engineer and Electromechanical design engineer. Working experience with electrical and mechanical systems designing according to the Saudi Building Code. Self-started and motivated, High ability to learn new skills.

Experiences

Electrical Engineer, Elm & Memar for Contractors, Riyadh, Saudi Arabia *(July 2024, Now)*

❖ **Rafal Projects (Residential, Villas, Commercial) Budget (60,000,000 SAR)**

Electrical Technical Office and Site Engineer (Builder Work & Fit Out)

- Study the project documents including drawings, specifications, BOQ, RFI, correspondence...etc. to take into consideration all the project details during execution.
- Electrical Shop drawing preparation by using BIM & design review order to achieve value engineering for projects.
- Follow up the drawing submittals.
- Modify technical dwg. / Variation orders / quantity survey according to consultant requirements and send it to the contracting dep.
- Tendering Projects.
- Revising the subcontractor's invoices according to BOQ.
- Ability of preparation of reports, work hard and work management.

❖ **Al-Dohyan Projects (2 Residential ,12 Villas) Skeleton Scope**

Electrical Office and Site Engineer

My key responsibilities include: -

- Executing shop drawings, preparing requisitions, and obtaining consultant approvals. -Preparing quantities and contractor invoices, as well as owner invoices.
- Creating as-built drawings and coordinating between electrical and mechanical systems. -Site coordination with mechanical, civil, and architectural departments.
- Delivering project milestones to the consultant and obtaining as-built approvals.
- Approving MIRs (Material Inspection Requests) for electrical supplies and obtaining consultant approvals.

❖ **Aramak Project (Three Towers) Skeleton Scope (90,000,000 SAR)**

Electrical Technical Office and Site Engineer (Builder Work)

- Study the project documents including drawings, specifications, BOQ, RFI, correspondence...etc. to take into consideration all the project details during execution.
- Follow up the drawing submittals.
- Modify technical dwg quantity survey according to consultant requirements and send it to the contracting dep.
- Tendering Projects.
- Revising the subcontractor's invoices according to BOQ.
- Ability of preparation of reports, work hard and work management.

Electrical Design Engineer, Cellex company Vision , *Jeddah, Saudi Arabia, (Oct 2023 – Apr 2024)*

- Managing the execution of building services as an Electrical Design Engineer including systems of Power, Cable Routing, Lighting, Fire Alarm, Data, Access Control, SMATIV, MATIV, and IPTV. Able to read design of hospitals, residential buildings, and villas. Working with cables routing and termination, Electrical Panels, testing & and commissioning, etc. capable of supervising detailed engineering works, coordinated shop drawings, technical submittals, liaison with consultants, coordinate with various disciplines and site supervision.

Electro-Mechanical Site Engineer, Enjaz, Co., *Sana'a Yemen*, (June 2022 – June 2023)

- Managing the execution of building services as an MEP engineer like HVAC, Plumbing, power, lighting, Low Voltage. Capable of supervising detailed engineering works, coordinated shop drawings, technical submittals, liaison with consultants, coordinate with various disciplines and site supervision.

Electro-Mechanical Design Engineer, Boroug for Engineering Consultant, *Hodidah, Yemen*, (July 2021 – July 2022)

- Designing of HVAC, plumbing, and drainage systems use of engineering production software: AutoCAD, Carrier HAP, Elite fire.
- Plan, draw, and design electrical power systems for buildings and facilities including designing and specifying power distribution, lighting, protection system, earthing, Low Current Systems (data, camera, Fire Alarm, and access control system).

Mechatronics Maintenance Engineer, Aqiq Company, *Sana'a, Yemen* (May 2021 – June 2021)

- Create and maintain documentation support the Engineering Maintenance from start to finish for all preventative maintenance tasks including service records and repair reports.
- Install new equipment according to site requirements, including completing initial testing. And optimization.

Education

Mechatronics Engineer, Sana'a University

Bachelor's Degree in **Mechatronics Engineering** with an accumulative average of **Very Good** with Honors (82.80%).

Skills & Abilities

- Ability to design and read mechanical and electrical drawings.
- Very Excellent working with Microsoft Office applications (Ms. Word, Excel, PowerPoint).
- Software engineering best practices and experience in AutoCAD, Revit BIM, SolidWorks, Art CAM, PVsyst, ANSYS, NX, and applicative programming languages (Python, C++, C)
- Expert in MATLAB, DIALUX EVO (Lux Calculation)
- Working with PLC and controlling the environment and with production lines, SCADA, HMI, and DCS.
- Working with Industrial networking: RS232-485, UDP, USB, etc.

Languages

- English (Very Good)
- Arabic (Fluent)