

AHMAD MOHAMMAD

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LANGUAGES : Proficient/ English , Native/ Arabic , Intermediate/ Turkish

PROFISSIONAL SUMMARY

- Systematic Electrical project Engineer, I am always thirsty to learn more and increase my knowledge, often my mentors and colleagues describe me as quick learner, I have Design as well as project and planning experience that gave me the capability to manage electrical scope in large scale projects. with extensive experience in design, selection, and detailed engineering of electrical systems in oil and gas industry, & I am fully conversant with industry best practices, international codes and standards (IEC, IEEE, NEC, ISO etc).
- Seeking a challenging role in a high-quality engineering environment where I can excel as an effective team member contributing in the drive of the company to further successes as well as continue to learn and grow professionally

EDUCATION

DECEMBER 2008 , JORDAN

ELECTRICAL ENGINEERING, JORDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY

MARCH 2010 , SHARJAH

POST GRADUATE DEGREE IN ELECTRICAL ENGINEERING, SUVIDYA INSTITUTE OF TECHNOLOGY (SIT), INDIA

COURSES AND TRAINING

2010-2020 , TRAINING AND WORKSHOP TRAINING FOR EACH ONE OF THE FOLLOWING TOPICS.

“MANAGERIAL SKILLS, TIME MANAGEMENT, PROJECT MANAGEMENT, PROPOSAL ENGINEERING, COMMUNICATION SKILLS, SMART PERFORMANCE OBJECTIVES, BUSINESS ETIQUETTE, NEGOTIATION SKILLS, FIRE SAFETY TRAINING, AND FIRST AID TRAINING.” PETROFAC TRAINING SHARJAH - UAE

SEPTEMBER 2021 , ONLINE PROGRAM

DATA ANALYST NANODEGREE, UDACITY, ONLINE, USA

SEPTEMBER 2009 , JORDAN

MICROWAVE PLANNING FOR MOBILE NETWORKS, ENGINEERS TRAINING CENTER, AMMAN, JORDAN

JUNE 2009 , JORDAN

SIMATIC S7 PLC HANDLING AND PROGRAMMING, ENGINEERS TRAINING CENTER, AMMAN, JORDAN

JULY 2007 , JORDAN

DESIGN OF ELECTRICAL INSTALLATION WORKS, ENGINEERS TRAINING CENTER, AMMAN, JORDAN

JULY 2008 , JORDAN

CISCO ROUTER & SWITCH CONFIGURATION, TELEPROBE

SKILLS

- Solar Energy Implementation (Design, Selection and Recommendations)
- Excel Macros (Develop Excel Programs for Cables Sizing, Load List, Cables schedule and MTOs, Creating Visuals and reports)
- AVEVA Electrical (Load List , Cables Schedule and Cables MTOs and Cut schedule, Interconnection Diagrams etc)
- CYMCAP (Cables Sizing Verification using calculation of ampacity and temperature rise calculations for different power cables installations)
- FAT, SAT (carrying out Factory and Site acceptance testing for all electrical / mechanical equipment)
- Data Analysis Using Python (Data gathering techniques , data cleaning and Data analysis using different techniques A/B testing, hypothesis techniques and regression modeling of the data, and Data visualization using python and excel)
- Business analytics (analysis of business different stages by identifying the appropriate question and defining the KPIs and metrics, recommend solutions and ideas to help reaching business goal.
- Python, SQL, C++, JAVA, Web Scrapping, ETAP Power Station, MATLAB, Primavera, AutoCAD. (using and implementation of different programs / programming language)

EXPERIENCE

JUNE 2021 – PRESENT

SENIOR ELECTRICAL PROJECT ENGINEER/DATA ANALYST, FREELANCE

- Review and design of On-grid residential solar systems, follow-up with authorities and system providers, installation, and testing.
- Site supervision.
- Data Analysis and Business analytics, data gathering and data management, creating reports and visuals using excel and python.

OCTOBER 2009 – AUGUST 2020

SENIOR ELECTRICAL ENGINEER, PETROFAC INTERNATIONAL LTD.

Proposal Lead Electrical Engineer, work responsibilities include:

- Design Review, Quantity Estimation, Quantity Review, Cost Estimation, Cost Review, Inter-discipline Coordination, Team Management, Time Management, Technical and Commercial Review.
- Technical and Commercial Review of Proposal with management, other disciplines, and vendors.
- Reviewing ITT and design in compliance to relevant IEC, SHELL DEP, IEEE and other engineering / company standard.
- Conduct schedule, technical and commercial review meetings with all stakeholders to insure project/proposal progress.

Project Senior Electrical Engineer, work responsibilities include:

- Electrical Equipment Sizing, and Design Verification.
- AC/DC UPS design and Sizing, Transformer Sizing and design review, EDG sizing, VFD requirement Review, Switchgears and MCCs design and Sizing,
- Effective participation at HAZID and HAZOP & 3D model review.
- Conduct Factory and Site Acceptance testing.
- Electrical Review of Mechanical Equipment Electrical interface & deliverables review etc.
- Modeling the system / Review of Electrical System using ETAP Power station.
- Review of electrical Layouts, Trays, Trenches, Cables, Substation etc.
- Created a BOQ support templates Using Excel Macros that Increase efficiency and accuracy of the work.
- Project Control Engineer Site Experience Handling the Progress reports, Updating the progress management system. Site managers support, Contractor follow-up, Client/management/contractors review meetings.

MARCH 2009 – SEPTEMBER 2009

SYSTEM ENGINEER, ETCOM ME.

- Bidding , Purchasing , Shipping , Installation, Maintenance of various equipment includes (battery chargers/UPS/Recorders/Fiber Modem etc..).