



Abdulaziz Albandar

Mechanical Engineer



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SUMMARY

Entry level mechanical design engineer with 3+ years of experience in Oil & Gas and Petrochemical industries. Currently working as business development & marketing engineer by IK Saudi. The role is to design and promote new pigging and non-pigging pipelines products made of Polyurethane.

OBJECTIVE

I am targeting to secure a position of Mechanical Engineer where I will apply my technical knowledge in sales, engineering, and designing in order to resolve clients' difficulties and to increase the market reputation of the company to in parallel be a part of accomplishing the purpose of Saudi's vision 2030.

PROFESSIONAL EXPERIENCE

Business Development & Marketing Engineer

01 / 2021 - PRESENT

IK SAUDI FOR INDUSTRIES

- Assisting marketing team in preparing market plans and strategies to promote company's products.
- Prepare effective proposals, presentations, demonstrations, and sales tool for new business opportunities.
- Conduct competitive product analysis and market research to develop roadmap and sales strategy to secure new business.

Mechanical Design Engineer

06 / 2018 - 12 / 2020

FLUOR ARABIA LIMITED

- Involved on multiple petrochemical projects performing FEED / detailed design Static equipment
- Supporting procurement activities to performing technical bid evaluation and review of vendor data.

Mechanical Maintenance and Process Engineer

02 / 2018 - 05 / 2018

ABDULLAH HASHIM FOR INDUSTRIAL GASES

- Checking, repairing, and servicing machinery equipment systems
- Involved in production as process engineer for different gas plants such as Ammonia plant, Acetylene plant, N2 plant and CO2 plant productions.

NDE Inspector

12 / 2010 - 04 / 2011

SAUDI ARAMCO

- Calibrate NDE equipment
- Conducted tests to ensure quality of pipelines, pressure vessels, and storage tanks.
- Establishment of techniques for proper examination of equipment under operation

PROJECTS EXPERIENCE

Mechanical Design Engineer 01 / 2020 - 12 / 2020

HALLIBURTON MULTI-CHEM BATCH PLANT PROJECT

Supporting Halliburton Project for different equipment inquiries, data sheet / specification, quality checks, interface alignment, equipment selection, and purchasing efforts for storage tanks.

Mechanical Design Engineer 05 / 2019 - 12 / 2019

FDH JV (FLUOR, DAEWOO E&C AND

HYUNDAI HEAVY INDUSTRIES JOINT VENTURE)

Preparation and reviewing of Material requisitions, specifications, mechanical design, Mechanical data sheets for Storage Tanks.

Mechanical Design Engineer / Documents Coordinator 09 / 2019 - 12 / 2019

KNPC - CLEAN FUEL EPC PROJECT, KUWAIT

Collecting of all required documents for Manufacturing Data Books (MDB) of all tanks from vendor, client, and Fluor office.

Mechanical Design Engineer 04 / 2019 - 09 / 2019

BAKER HUGHES JUBAIL CHEMICAL PLANT

Planning and review of Material requisitions, specifications, mechanical design, Mechanical data sheets, Technical bid evaluation, Kick-off/Coordination meetings with Equipment Vendor, and Vendor document review.

Assistance Design Engineer/ Value Engineering Coordinator 01/ 2019 - 05 / 2019

SABIC - YANPET PLANT

FEED Project located in EG II Plant in which aimed to increase 25% efficiency improvement. My roles were reviewing vendor document, Creating data sheets for storage tanks.

Assistance Mechanical Design Engineer 10 / 2018 - 03 / 2019

BAKER HUGHES SINGAPORE CHEMICAL PLANT.

Multi chemical Complex FEED Project that I was in charge of preparation and review of material requisitions, mechanical design, Mechanical data sheets, technical bid evaluation, bid conditioning meetings, vendor document review and Inter disciplinary coordination with other design department and project groups for Pressure vessels, Storage Tanks.

EDUCATION

Bachelor of Science - Mechanical Engineering 2013 - 2017

FERRIS STATE UNIVERSITY

The most important achievement through my academic education is the completion of my senior project which was Vertical Access Wind Turbine.

Associates Degree – Non-Distractive Testing 2007 - 2011

KFUPM COMMUNITY COLLEGE

VOLUNTEERING EXPERIENCE

Tutor for Math and English

10 / 2020 - PRESENT

FATAT AL KHALEEJ CHARITABLE ASSOCIATION

(جمعية فتاة الخليج الخيرية بالخبر)

I am tutoring virtually students from grade 7 - 10 in Math and English.

Super STEM Saturday

01 / 2016 - 02 / 2016

FERRIS STATE UNIVERSITY

Five weeks of free hands-on science labs under the direction of college professors are available for area middle schoolers. Super STEM Saturdays is a program providing educational experience-based learning for sixth- through eighth graders in Mecosta and Osceola counties. The students will explore the fields of biology, engineering, mathematics, and physical science from 9 to 11 a.m. on five consecutive Saturdays beginning.

Engineering Fair Family Engineering Night

2013 - 2017

MECOSTA-OSCEOLA INTERMEDIATE SCHOOL DISTRICT

& FERRIS STATE UNIVERSITY

This event was design for students from the age of 7 - 12 to help them discovering their interest in theoretical science. We as a team, had arranged for different activities includes scientific workshop.