



# KHALED ALDHUFRI

## Professional summary

I am Project Management Specialist, successfully plans for develops and implements large-sized complex projects . I routinely communicates major milestones, identifies potential project risks and provides continued direction to project team , and I have robust understanding of resource requirements to achieve plans and formulate budgets. I worked in the field of general contracting 23 years. I have spacious experience in construction chemicals . Interested in research and development of materials engineering, smart materials, green technology, developing new materials and using them in 3D structural printing . I have experience in design ,reading and maintenance the electronic circuit . Also, I have experience in programming CNC machines and microcontroller .

## Experience

**Juod Allh institution | Saudi Arabia** - Project Manager - September 2014 - March 2022

- Created detailed labor budgets and construction cost estimates for projects.
- Coordinated civil work with field personnel, third-party designers and owner representatives.
- Attended meetings with owners, clients and contractors to deliver knowledgeable input.

**Aldar Mimar company for engineering and structures | Sana'a, Yemen**

Civil Engineer - June 2013 - August 2014

- Worked as a marketing engineer ( BASF – BITUMAT – UNITECH ).
- Analyzing tenders , writing contracts and formulating price offers , Also worked on material tests and supervised them .

**Ministry of Endowments | Sana'a, Yemen** - Civil Engineer - August 2012 - June 2013

- Unit Manager of Surveyor and automatic projection.
- Liaised with authorities to develop and incorporate engineering standards.

## Education

Diploma in English Language with IELTS preparation - Jun 2023

California Academy, Kuala Lumpur, Malaysia

Bachelor of Civil Engineering - August 2010

University of science and technology, Sana'a, Yemen

## Affiliations

- Structural Engineering Institute Membership ( SEI ).
- Environmental and Water Resources Institute Membership ( EWRI ).

## My works

- Implemented a lot of projects in Saudi Arabia at a cost of more than \$10 million and in Yemen at a cost of more than \$21 million ( Villas, residential buildings, tennis courts , hospitals, sewage networks, water networks, bridges, asphalt works, materials testing, in addition to maintenance work on public facilities, roads and bridges ) .
- Implemented a group of tourist villas -Aldarb-Saudi Arabia ( <https://www.youtube.com/watch?v=YGkpbFQHQ2U> ).
- Creating a channel specialized in Civil Engineering ( <https://www.youtube.com/@khaledaldhufri1741/videos> )
- Designed a lot of electronic circuits such as ( sending and reception of the GSM network ). Identification using radio waves (RFID), Sending and reception using radio waves , Measuring distance using ultrasound waves, Measuring the acceleration of gravity in six directions, Measuring and controlling mechanical vibrations, etc.



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## Passport Information

Profession: Civil Engineer

Issuing Authority: KL - Malaysia

Expiry Date: 20/06/2029

## Skills

- Good experience in using programs such as ( Primavera - ArcGIS - Python - umpsim premium v3 - ENERCALE - ACI life 365 - Globalmapper 13 - FlowMaster - Office CulvertMaster - StormCAD - WaterCAD - PunchHome Design - STAAD.Pro - AutoCAD civil 3D - AutoCAD - Windows - Solve Elec - Proteus ) .
- Data Science for Construction, Architecture and Engineering .
- Real estate development .
- Sales engineer .
- Product designer ( UX ) .
- Contract management .
- Good experience in vibration analysis and damping design .
- Good experience in US occupational safety and health administration systems ( OSHA ) .
- Analysis and design of water and sewage networks and lifting stations
- Very good experience in building chemicals materials .
- Experience in programming a CNC machine and using G code .
- Experience in designing and fixing electronic circuits .
- Experience in microcontroller programming .

## Language

Arabic - Proficient (C2)

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English - Advanced (C1)

