



# 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 have long experience in the civil engineering and general contracting works . I have spacious experience in construction chemicals . I am Interesting in research and development of materials engineering, smart materials, green technology, genetic engineering and developing new materials . Also, I am interesting in data science and digital forensics. I have experience in the design ,reading and maintenance the electronic circuit . Also, I have experience in working on CNC machines and programming of 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 Alawqaf | 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 preparation of IELTS - Jun 2023

California Academy, Kuala Lumpur, Malaysia

Bachelor of Civil Engineering - August 2010

University of science and technology, Sana'a, Yemen

High School - Department of science - Jun 2004

AL-Kuwait secondary school, Sana'a, Yemen

## Diploma

Diploma in Advanced Welding and joining Technologies - Sep 2025

Online - Alison - Ireland

Diploma in Cathodic Protection Engineering - Sep 2025

Online - Alison - Ireland

Diploma in Exploration Construction Materials with X-Rays - Sep 2025

Online - Alison - Ireland

Diploma in Project Management - Sep 2025

Online - Alison - Ireland

Advanced Diploma in Environmental Geomechanics - Sep 2025

Online - Alison - Ireland

Advanced Diploma in Digital Forensics - Jun 2024

Online - Alison - Ireland



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## Skills

- Good experience in working on programs such as ( Revit - Tekla - AutoCAD - ArcGIS - WaterCAD - Python - Umpsim premium v3 - ENERCALC - ACI life 365 - Global mapper 13 - FlowMaster - Office - CulvertMaster -StormCAD - Primavera - Punch Home Design - STAAD.Pro - AutoCAD civil 3D - Windows - Solve Elec - Proteus )
- Data Science for Construction, Architecture and Engineering
- Real estate development
- Good experience in the surveying works and surveying devices such as: ( Level - Total Station - GPS )
- Sales engineer
- Product designer ( UX )
- Contract management
- I can work 15 hours in a day, 90 hours in a week
- Good experience in the vibration analysis and damping design
- Good experience in the US occupational safety and health administration systems ( OSHA )
- Analysis and design of water and sewage networks and lifting stations
- Very good experience in the building chemicals materials
- Experience in the programming and working CNC machine ( G code )
- Experience in the designing and fixing electronic circuits

## Affiliations

- Saudi Council Of Engineers Membership ( Associate ) ( SCE ) .
- Environmental and Water Resources Institute Membership (EWRI) .
- Structural Engineering (SEI) .

## Language

Arabic - Native

Dutch - beginner

English - Advanced (C2)

## Training Courses

- Introduction to Dutch Language - Online - University of Groningen - 2025 .
- The Role of Building Information Modelling (BIM) - Online - ( NSW ) - 2024.
- Introduction to Construction Project Management - Online - ( NSW ) - 2024.
- Digital Skills in Construction - Online - ( NSW ) - 2024.
- Introduction to SQL - Online - ( NSW ) - 2024.
- Physics of Weather - Online - Harvard University - 2023.
- FIDIC Contracts - 5th Arab Conference of FIDIC contracts - Online - 2020.
- AutoCAD CIVIL 3D - Ministry of Works General and Rods - 2013.
- Expansive Soil (Problems and Solutions) - University of Science and Technology - 2008.
- Arabic and English computer typing - Center of Scientific Modern - 2004.

## Certificates of appreciation and recommendations

- A certificate of thanks and appreciation from the Pepsi factory - Saudi Arabia

## My works

- Implemented a lot of projects in Saudi Arabia at a cost of more than \$10 million and 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 ) .
- Writing a book in the problems and challenges of getting a job in the 21st century  
( [Problems and challenges of getting a job in the 21st century \(lulu.com\)](https://www.lulu.com/en/9781954411111) )
- Implemented a group of tourist villas -Aldarb-Saudi Arabia  
( <https://www.youtube.com/watch?v=YGkpbFQH2U> ) .
- Creating a channel specialized in Civil Engineering  
( <https://www.youtube.com/@khaledaldhaufri1741/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.
- Participation in the President's Award for Scientific Research - 2004 .

- Experience in the microcontroller programming.
- Good experience in the preparing digital forensic reports.
- Good experience in the analysis computer and Android programs, detecting security vulnerabilities, and preparing technical reports.
- Good experience in the tracking digital currencies and digital assets using block chain.
- Good experience in the Internet of Things, network behavior analysis, and intrusion detection (IDS).
- Good experience in the preparing accurate technical reports for the physical components of the computer in the active and inactive state.

## Social communication

<https://www.linkedin.com/in/khaledaldhaufri>

