

Khaled Aboelezz

Civil Engineer

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PROFILE

Licensed civil engineer with over 7 years of experience, delivering high-profile projects in Saudi Arabia, including the **MISK Project**, **PIF Project**, **KAFD AMAZONIKA**, **Sofitel Hotel**, and **King Khaled Airport** Expansion concrete works. My postgraduate studies focus on structural design, and I am professionally interested in Integration between BIM technology and Scrum methodology to simplify design and execution of complex structures. Adept at managing the full project lifecycle—from planning and analysis to completion—while ensuring quality, cost control, and compliance with international standards. Committed to driving innovation and sustainability in civil projects. In addition to being a civil engineer, I am an internationally licensed commercial diver, specializing in underwater construction, inspection, and offshore operations.

PERSONAL INFORMATION

Registered with the Saudi Council of Engineers

. Iqama Status: Transferable

Nationality: Egyptian

. Driving License: Valid

KEY SKILLS

Project Management, Construction Management, Project Lifecycle Execution, Multidisciplinary Team Leadership, Managing Multiple Contractors, Site Supervision, Site Inspections, Construction Sequence Planning, Complex Site Activities, Punch Lists & Snagging, NCR Handling, Fit-out Works, Offshore Construction, Structural Analysis, Structural Design, Steel Design, Value Engineering, Design Optimization, ACI/AISC/BS/Eurocode Standards, Building Codes Compliance, Construction Methods & Materials, BIM Modeling, Clash Detection, Shop Drawing Review & Approval, Quantity Surveying, BOQ Preparation, Site Visualization, ERP Systems, Scrum Methodology, Quality Assurance (QA), Quality Control (QC), Risk Assessment & Mitigation, Health & Safety, Safety Procedures, Contract Administration, Cost Estimation & Control, Budgeting, Client & Stakeholder Coordination, Underwater Inspection, Commercial Diving Operations, Problem-Solving, Decision-Making Under Pressure, Time Management, Organizational Skills, Documentation Accuracy, Attention to Detail, Adaptability, Continuous Learning, Precision, Communication Skills, Microsoft Office, Arabic Language, Risk Management, Intellectual Property Awareness, Corporate Governance Basics, health and safety rules, project execution, ethical, agility, accountability, solving problems, meticulous.

WORK EXPERIENCE

Saudi Baytur

Package Manager – KAFD - PIF Tower Project

Apr 2023 – MAY2025

- Supervised the joinery works package, including the fabrication and installation of wooden items
- Managed on-site execution of joinery works, ensuring quality control, material compliance, and timely delivery.
- Managing the site team to complete the planned tasks
- Enhances design and construction using BIM for better accuracy, coordination, and efficiency.
- Led the structural design scope of the project
- Coordination with the design team to complete the proposal and solutions for the conflicts and site conditions.
- Collaborate with product/program and project site staff to understand needs.
- Following up on the update schedule to confirm that the deadline is met.

Senior structural engineer – KAFD - AMAZONICA

Dec 2022 – Apr 2023

- Led the design scope of the project, ensuring alignment with architectural and structural requirements.
- Enhances design and construction using BIM for better accuracy, coordination, and efficiency.
- Coordinated with subcontractors to ensure workflow efficiency and project compliance.
- Supervised and guided the site team to deliver planned tasks on schedule and to required quality standards.
- Provided technical advice and proactive solutions to prevent potential engineering issues and delays.
- Collaborated with product, program, and on-site project teams to identify requirements and provide effective support.

Senior civil engineer – Misk PROJECT

July 2022 – Dec 2022

- Managed on-site infrastructure works as Shift Manager, ensuring compliance with project specifications and timelines.
- Enhances construction by using BIM to improve coordination, avoid clashes, and streamline workflows.
- Supervised the operation and coordination of all machinery and equipment on-site, plans site logistics and movements, and ensured the prevention of work clashes to maintain workflow efficiency.
- Fit-Out Works Manager at one of the buildings in **MISK School**.

Alshereef Company
Civil site engineer – KKIA project
July 2020 – Jan 2021

- Managed and supervised all concrete pouring activities during the King Khalid International Airport expansion, maintaining compliance with project specifications and standards.
- Services in line with project specifications and timelines
- Improves construction execution by implementing BIM (Building Information Modeling) technology to optimize coordination, reduce errors, and streamline workflows

BIM coordinator – Head office
Jan 2021– MAR 2022

- Manage implementation and integration of BIM technology company-wide to enhance project coordination and delivery.

Mobco Company
Fit out engineer -Sofitel project
July 2019 – MAY 2020

- Responsible for managing the fit-out works in one millstone in project.
- Led on-site execution, ensuring compliance with specifications, quality, and deadlines
- Coordinated daily with subcontractors and consultants to resolve technical issues and maintain smooth site operations.
- Supervised site teams and ensured strict adherence to safety protocols and client requirements.

EDUCATION

Bachelor of Civil Engineering

June 2018

Mansoura University – Mansoura, Egypt

Master of Structural Engineering

(2021-2026)

Student at Mansoura University

Commercial diving licensee

2021

IDSA international

Software

- Autocad
- Ansys
- Catia
- Abaqus
- Robot
- Revit
- Tekla
- Navisworks
- idea static
- dynamo
- construction s.w: Etabs, sap2000, safe,csi column
- Autodesk infrastructure
- primavera
- blender
- 3D max
- Power BI
- USA marine dive tables
- HAP
- Civil 3d

Training and courses

- *Structural design diploma- APC Company for training
- *Trained for Arb contractors in 2016
- *Trained for Egyptian government 2017
- *PRMG diploma student in AUC Cairo
- *Structural Revit courses
- *Advanced BIM management diploma

- *Robot structure analysis course
- * Steel structure design course
- * Primavera Advanced course
- * 3D Max & Blender visualization course
- * Course in modelling SW CATIA
- * Solar energy (off-grid) course from RENAC OASSIS Company

Pervious achievements

- Saved project time by streamlining workflows.
- Delivered tasks correctly on the first attempt, reducing rework.
- Managed multiple tasks simultaneously, meeting deadlines under challenging conditions.
- Enhanced team efficiency and performance.
- Improved project coordination for timely, high-quality deliverables