

Ezzat Adel Ezzat Toulan

POSITION: Civil marine and Geotechnical engineer

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Date of Birth
26/9/2000

NATIONALITY
Egyptian

CIVIL STATUS
Male, Single,

Military service
Exempted

ABOUT

Civil Engineer specialized in Marine and Geotechnical Engineering, with practical experience in piling and deep foundation works, ensuring high standards of quality, safety, and efficient project execution.

PROJECT EXPERIENCE

– Orascom Construction_ Abu Qir Metro Project – Alexandria, Egypt (July 2024 – Present) Geotechnical Engineer

-PROJECT SUMMARY

- Supervised piling works including Mono Pile, Bored Pile, and Group Pile.
- Executed piles with different diameters: 60 cm, 80 cm, 1.20 m, 1.80 m, 2.00 m, 2.20 m, 2.40 m.
- Worked with major piling rigs such as Bauer and Soilmecc machines.
- Managed pile depths ranging from 10 meters up to 46 meters depending on design requirements.

-Key Responsibilities & Tasks:

- Supervised site preparation, equipment setup, and bentonite batch plant positioning to ensure readiness before starting piling works.
- Verified site levels and ensured all piling locations were clear of underground utilities prior to execution.
- Coordinated with concrete batching plants to guarantee timely concrete supply for daily piling activities.
- Supported the Quality Department in maintaining compliance with inspection and testing requirements throughout piling execution.
- Implemented and monitored daily safety measures to ensure safe operations and prevent incidents on site.
- Followed up with the maintenance team to resolve equipment breakdowns promptly and minimize downtime.
- Planned and prioritized daily piling activities according to Site Manager instructions to achieve scheduled targets.
- Coordinated with Quality and Safety teams through daily meetings to ensure alignment and quick issue resolution.
- Recorded and submitted daily piling progress reports using approved checklists and documentation procedures.
- Managed manpower, materials, and equipment resources efficiently to avoid delays during shifts.
- Maintained continuous communication with management and site teams to ensure smooth workflow throughout execution phase.

KASED KHAIR FOR GENERAL SUPPLIES & CONTRACTING (sep 2023 – July2024) Marine Engineer

PROJECT SUMMARY:

- In Alexandria – construction of rubble mound breakwater (Northern breakwater of Dekheila port) with length 2200 m and level (from -12.00 to +7.00).
 - 1- Supply and install 445000-m³ gradient dolomite stone of (50-300) kg (Core layer).
 - 2- Supply and install 200000-m³ gradient dolomite stone of (1000-3000) kg (Sea side filter).
 - 3- Supply and install 51000-m³ gradient dolomite stone of (300-1000) kg (Toe filter).
 - 4- Supply and install 55000-m³ gradient dolomite stone of (300-1000) kg (Port side filter).
 - 5- Casting, curing and install 3400 Tetrapod blocks of 8 tons weight each.
 - 6- Casting, curing and install 12200 Tetrapod blocks of 26 tons weight each.
 - 7- Supply and install 105000 m² geotextile mats
 - 8- Unblock and remove the existing breakwater with length 1500 m (Dismantling 20000 blocks of cubes weighing 6 tons and antifer cube weighing 19 tons, remove 100000 m³ of graduated stones).

Responsibilities/Tasks:

- Revision design drawings and bill of quantities.
- Define and schedules are created to complete the project in a defined time frame.
- Monitoring and controlling in project management and keeping track of deadlines...
- Analyze bill of quantities items cost.

TRAININGS

In – kafr-El-sheikh: Al Shams construction Company

Construction of the emergency hospital building at Kafr El-Sheikh University.

From (7-2021) until (10-2021)

In-cairo - AL-Haziq construction company

-Construction of water tanks at a depth of 7 meters below the surface of the ground .

-construction of 107 villas in the Belle Vie project in New Sheikh Zayed .

from (7-2023) until (9-2023)

Education

Sep 2018 – Jun 2023

Kafr Elsheitk University: BSC of civil Engineering, Grade: Good (71.39%)

Graduation project:

Properties and Testing of Materials project:

Bending behavior of reinforced concrete bases composed of different layers.

Grade: Excellent.

LANGUAGES

- Arabic Native
 - English
 - Speaking
 - Reading
 - Writing
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GEOGRAPHIC EXPERIENCE

EGYPT

KEY QUALIFICATIONS

Windows & Office tools

Excel

Word

PowerPoint

Design & Analysis Engineering Programs

SAP2000

Etabs

Safe

Drawing & Detailing Programs

AutoCAD

planning and management Programs

Project management Primavera P6

- Member of the Egyptian Syndicate of Engineers.
- Study of project and contract management
- Driving license: Valid