

SAAD TAREK

PROFILE:

CIVIL ENGINEER

A highly motivated and qualified civil engineer with 2+ years of experience working in various capacities to complete construction engineering tasks. Expert in directing workflow of earth and concrete works.

+20 01013134986 SA3DTAREQ@GMAIL.COM

PROFESSIONAL EXPERIENCE

STRUCTURAL DESIGN ENG.

Ismail Refaay Consultant.

2020 - 2021

Design, analyzed and detailed reinforced concrete projects and steel moment frames, using various FEA softwares, prepared estimate/take off, design work and contract documents.

Developed and tested models of alternate designs and processing methods to assess feasibility, operating condition effects, possible new applications.

TECHNICAL OFFICE ENGINEER

Engineering branch, Egyptian Military

2021 - 2022

Worked on various projects of (Hayah Karimah), performed material take off and scheduling, resolving architectural and structural conflicts. Working with great team of professional engineers we managed to complete projects on time and under budget with highest degree of quality according to local and international codes.

TECHNICAL OFFICE ENGINEER

Petrojet

2022- 2023 (current)

Mega infrastructure project consists of (water treatment plant, roads, sewer network, water network).

Assist with on-site inspections, analysis and condition assessment of existing structures.

Assist with planning and geometric layout of new structures.

Prepared material quantity take-offs and construction schedules.

EDUCATION

BACHELORS OF CIVIL ENGINEERING

Graduated with 4-5 GPA.
with highest degree of honor in graduation
project : R.C. Design

2015-2020 M.E.T University

PRO SKILLS

AutoCAD, Revit, ArchiCAD
ETABS, SAFE, SAP2000, TEKLA
Python, AutoLISP, Excel VBA
Microsoft office suite, LaTeX
Database administration

ABOUT

Conducted structural evaluation and design for over than 10 projects, coordinated with architects, clients and contractors to ensure safe builds and renovations, with 100% clear health and safety record. Developed a database to track man hours, vendor usage, budgets and project process, eliminating 20% of project managers workload by automating project reports.