



Ahmed Hossam Nagy

Structural Engineer

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Home Address:

- 46 Tutankhamun St – Tanta – Gharbia – Egypt.
- Hanafiah St – Elbeytash west – AdDakhilah – Alexandria – Egypt

Driving License: Yes

Date of Birth: 29 / 07 / 1998

Skills:

- Structural Analysis
- AutoCAD
- Etabs
- Sap 2000
- CSI – Safe
- CSI – Column
- SP Column
- Microsoft Excel
- Microsoft PowerPoint
- Microsoft Word
- Project Management
- Human Resources Management
- Ability to Work Under Pressure
- Communication Skills
- Adaptability
- Ability to Multitask
- Fast Learner

Profile:

A structural engineer with experience in concrete structure designs, site management, supervision over the construction process, and providing on-site technical office work.

Employment History:

- **Structural Technical Office Engineer at Yathrib for Engineering and constructions – North Sinai**

February, 2022 – Present

Currently providing technical office work for a project of constructing 5 KM of concrete walls surrounding a new prison near gifgafa - North Sinai. The project's total cost is 500 million Egyptian pounds.

- **Structural Site Executive Engineer at Yathrib for Engineering and constructions – Cairo**

August, 2021– February, 2022

Oversaw the construction of 5 projects at Camp Huckstep military base of concrete and steel structures, from the starting stage up to the initial handover to the owner. The project's total cost was 30 million Egyptian pounds.

Internships:

- **Intern Site Engineer at Yathrib for Engineering and constructions – Tanta-Gharbia**

January, 2021– April, 2021

Oversaw the construction of 2 new buildings located at the Faculty of engineering - Tanta University.

1) The first building was a 5 stories high educational structure consisting of isolated footings and a combination of solid and flat slabs over columns as well as the finishing architecture stages. The estimated cost was about 40 million bounds.

2) The second building was similar to the previous one in terms of structural components but with a raft foundation. The estimated cost was about 170 million bounds.

- **Intern Site Engineer at Ministry Of Housing, Utilities & Urban Communities – Tanta-Gharbia**

June, 2019– October, 2019

Internship at the Project of Rehabilitation of the Tanta Stadium and the construction of new commercial units.

Languages:

- Arabic – Native Speaker
- English – Fluent

Education:

- **Bachelor's degree in structural engineering From Faculty of engineering Tanta University – Tanta-Gharbia**

September, 2017– July, 2021

Bachelor's degree in structural engineering with an average GPA of 3.3 (81.3%). and a graduation project specialized in concrete structure design with an excellent graduation grade.

Courses:

- **AutoCAD – Egyptian Engineering Syndicate**
- **Sap 2000 – Egyptian Engineering Syndicate**
- **Advanced Structural Design Diploma – DEC**

November, 2020– January, 2021

Graduation Project:

Design of Concrete Structures.

January, 2021– July, 2021

The Graduation project consisted of two main concrete structures:

1) The first was a complete design of a high-rise residential building consisting of 12 stories,

the system included multiple types of slabs such as flat, solid, and hollow-block as well as a paneled beam hall. The slabs were supported by columns and shear walls and there were two types of suggested foundations a raft over soil and pile caps.

The process included full design of the structural elements using manual and software analysis as well as detailed shop drawings of most elements and a detailed calculations note.

2) The second Structure was a multi-purpose hall that consisted of a large cylindrical shell-covered hall of single and multi-span as well as a double cantilever frame parking area and a hollow-block slab covering an entrance gate.

The process included the full design of the structural elements using manual analysis and a detailed calculations note.

The Project was Graded as excellent with a mark of 93%.