

CURRICULUM VITAE

Name : **Mohamed Ibrahim Ali Ibrahim**
Date of Birth : **20 – 02 – 1994**
Nationality : **Egyptian**
Specialization : **Road design and technical office engineer.**
Position in Firm : **Technical office Engineer**
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KEY QUALIFICATION AND PROFESSIONAL STATUS:

B.Sc. of civil Engineering, Faculty of Engineering at Shoubra - Benha University – 2017

PROFESSIONAL MEMBERSHIPS & TRAINING:

Member of Egyptian Association for Engineers

SUMMARY OF KEY EXPERIENCE:

Over seven years of experience in the design and construction of road projects (rural, urban, highways, intersections, parking areas, and bridges) pavement design and wet utilities. Enthusiastic, dynamic, and result-driven. Capable of working solo or as a team player with exceptional written and verbal communication skills in both English and Arabic. Constantly looking to learn and push efficiency to the next level.

Professional Experience:

Buna Al-Jazera – Al Khobar KSA from June 2024 – Till Now:

Duties and responsibilities

- Working in processing all the topographic & geodetic data taken from sites concerning (NGL, Base map, Topography, etc.....)
- Check of design for all infrastructure network.
- Preparation of shop drawing for all infrastructure network.
- Preparation of working sheets for all infrastructure network.
- Preparation of as built for all infrastructure network.
- Preparation of invoices.

During this period, I have worked on the following projects:

1. **Client: (sumou – Al Khobar-KSA)**
Construction of sama al dahran.
2. **Client: (AQALAT – Al Dammam-KSA)**
Construction of DAMMAM SQUARE.

Misr Consult – Cairo from March 2023 – June 2024:

Duties and responsibilities

- Working in processing all the topographic & geodetic data taken from sites concerning (NGL, Base map, Topography, etc.....)
- Preparing, modifying and finalizing all the design proposals for all the assigned highways, urban streets, major and minor collectors, access lanes according to the Egyptian code of practice for Urban and Rural roads ECP 2020, the geometric design of highways

- (AASHTO) and Royal Commission Guide Engineering Manual (RC-GEM 2016).
- Developing alignments, profiles, multiple cross-sections, and road corridors using civil 3D.
 - Preparation of contract documents, specifications and the final design report of the project.
 - Preparation of the preliminary transportation plan.
 - Creation of ditch alignments' profiles to ensure positive drainage.
 - Analyzing the impact of the proposed design on the existing utilities/crossing roads and resolving conflicts.
 - Preparation of the contract drawings (site grading, new constructions, detour removal plan, pavement markings and typical sections details).
 - Preparation of the B.O.Q (bill of quantities) and the M.T.O (material take-off) for all the road items.
 - Knowledge of traffic engineering volumes, safe stopping distances, design speed, capacity, delays, minimum clearances and signal warrants.
 - Experience in working with local planning authorities and international consultants.

During this period, I have worked on the following projects:

1. Client: (Royal Commission – Jubail-KSA)
Construction of crossings in al Reggah
(Project Value S.R. 155,020,712.00)

Development of approx. 4.5 km long tidal canal with a walkway along this canal in addition to six (6) structured vehicular crossing over the tidal canal. Construction of the Tidal canal with walkway and its outfalls as well as Six (6) crossings over this Tidal Canal and four precast concrete gravity retaining walls.

2. Client: Palm Hills Development (PHD)
Project: Palm Hills - New Cairo project
Project value estimated L.E. 9,000,000,000

Conceptual, Detailed Design and preparation of tender, permit and construction documents of Infrastructure work for the site of a residential compound located in New Cairo For Palm Hills Development with site area 2,100,000 m² (500 Acres) & a total built-up area for buildings 1,095,710 m².

Scope included all works related to Road and Rough Grading works.

Scope included also preparation of all construction documents (Bill of Quantities, method of measurement, vendor list and Specifications).

3. Client: (Hassan Allam properties)
Project: swan Lake west,
Project Value L.E. 240,301,000

Detailed design for Roads and Infrastructure works for residential complex site of total area 172 fed includes various types of buildings in addition to different facilities.

(From November 2020 to March 2023.)
ECEC (Egyptian Center for Engineering Consultants also known as ALFA Consult)

(From January 2019 to November 2020)

Working as a technical office engineer at El-motaheda Company for new construction.

During these periods, I worked on the following projects:

- The development of (Rixos sharm el-sheikh Resort – Rixos premium segate Resort – Rixos segate 2 Resort) at sharm el-sheikh.
- The buildup of (Rixos Magawish Resort) at Hurghada.
- Riyad Secon (New Cairo) modifications of layout and profiles of roads network.
- Dream-Egypt Mall network improvement and connecting it with Wahat Highway.
- Developing, raising the efficiency and paving of some roads in Shbeen El Koom – Menoufia Governorate (Preparing designs and supervising implementation).
- Developing, raising the efficiency and paving of some roads in El Bagour City – Menoufia Governorate (Preparing designs and supervising implementation).
- Developing, raising the efficiency and paving of some roads for the first district, the second district and the center of the city of Tanta - Gharbia Governorate
- (Preparing designs and supervising implementation).

- Developing, raising the efficiency and paving of Alexandria Road with a length of 2.5km - Gharbia Governorate (Preparing designs and supervising implementation).
- Developing, raising the efficiency and paving of some roads in El Sayed El Badawy area - Gharbia Governorate (Preparing designs and supervising implementation).
- Developing, raising the efficiency and paving of some roads in Qoutour City - Gharbia Governorate (Preparing designs and supervising implementation).
- Developing, raising the efficiency and paving of some roads in El Santa City - Gharbia Governorate (Preparing designs and supervising implementation).
- Developing, raising the efficiency and paving of some roads in Basion City - Gharbia Governorate (Preparing designs and supervising implementation).
- Developing, raising the efficiency and paving of some roads in Kafr El Zayat City – Gharbia Governorate (Preparing designs and supervising implementation).
- Developing, raising the efficiency and paving of the neediest villages in the Governorates of Dakahlia, Beheira, Kafr El Sheikh and Alexandria. (Preparing designs and supervising implementation).
- Project of construct Al Wasta – Fayoum Bridge on the road (Egypt – Aswan) – (the General Authority for Roads, Bridges and Land Transport) – a bridge above the Ibrahimiya Canal and the Al Wasta – Fayoum railway line with a width of 18 m and a length of 700 m (Preparation of preliminary and planning documents, executive design studies documents, tender documents and supervision of implementation).
- The presidential initiative (a decent life project) the development of Shakshouk Kota (Karoon Lake) road with a length of 60 km - Fayoum Governorates by using FDR machine (recycling of existing asphalt). (Preparing designs and supervising implementation).
- The presidential initiative (a decent life project) the development of Elyon Madi Road with a length of 10 km - Fayoum Governorates by using FDR machine (recycling of existing asphalt) (Preparing designs and Supervising implementation).
- The presidential initiative (a decent life project) the development of Wady El Rayan Road with a length of 40 km - Fayoum Governorates. (Preparing designs and supervising implementation).
- Working as a technical office engineer at El-motaheda Company for new construction. (From January 2019 to November 2020)

- Working as a highway design and shop drawing engineer at ECEC (Egyptian Center for Engineering Consultants also known as ALFA Consult) from November 2020 to March 2023.
- The presidential initiative (a decent life project) the development of 41 villages in the center of Al Hussainiya - Sharkia Governorate raising the efficiency, developing, beautifying and paving roads. (Preparing designs and supervising implementation).
- The presidential initiative (a decent life project) - 14 surface bridges in the villages of the center of Al Hussainiya - Sharkia Governorate (Preparing designs and Supervising implementation).

Special Skills:

- Ability to use civil computer applications fast and perfect.
- Good freehand presentation skills.
- Ability to work hard under stress.
- Ability to finalize my work at the specific time.
- Ability to solve the problems in a short time.
- Good communication skills.
- Speed merging with work staff.
- Ability to travel abroad

Courses & training

- Summer Training at Wadi El Nile for Contracting & Real Estate Investment.
- Successfully completed (AutoCAD Civil 3D) course “used in my Graduation Project
- Successfully completed (AutoCAD) course.
- Good in using Structural analysis program (SAP).
- Successfully completed (Auto turn) course.
- Successfully completed (Vehicle Tracking) course.
- Successfully completed (Subassembly Composer) course.

Language Skills:

Language	Write	Read	Conversation
Arabic	(Mother Tongue)		
English	Good	Good	Good