

Ibrahim Mohamed Ibrahim Ibrahim Zaher

SURVEYOR AND GIS SPECIALIST

Personal Information:

Nationality	:	Egypt
Date of Birth	:	17/07/1994
Marital Status	:	single
Years of Experience	:	8 Years
Degree	:	Bachelor

Professional Summary:

I have experience using modern tools and techniques for measuring and analyzing spatial and geographic data. I possess deep knowledge in Geographic Information Systems (GIS) and their applications in project planning, map development, and topographic data analysis. I excel in accuracy in map preparation and measurements, and I am capable of providing integrated solutions that support decision-making in urban planning, infrastructure, and environmental fields. I have strong skills in fieldwork and computational analysis, with the ability to work with the latest software and technologies such as AutoCAD and ArcGIS. As a dedicated Specialist in Surveying and GIS, I am eager to contribute my expertise in mapping and geographic information systems to your esteemed team. My passion for spatial analysis and commitment to precision drive my desire to enhance project outcomes. I am excited about the opportunity to collaborate with like-minded professionals and leverage innovative technologies to deliver impactful solutions in the field of surveying and GIS.

Working Experience:

(2017: 2019)	<p>Egyptian Company for Engineering and Utilities, Engineer Suleiman Saad Ismail- Egypt</p> <p>Specialist in surveying and GIS:</p> <p>project for the replacement and reinforcement of water and sewage networks in New Damietta City.</p> <p>Tasks:</p> <ul style="list-style-type: none">▪ Working on the topographic survey of the old network.▪ Working on the coordinate signing for the new network.▪ Creating the executive plans for the project (As-Built).
2019-2021	<p>Saudi Engineering Office- Engineer Rafat Al-Saudi- Egypt.</p> <p>Specialist in surveying, mapping, and geographic information systems</p> <p>Projects:</p> <ul style="list-style-type: none">▪ Design and studies. <p>Tasks:</p>

	<ul style="list-style-type: none"> ▪ Working on creating drawings for buildings and constructions in (DWG) format, land subdivision, and quantity calculation. ▪ Following up on the contractor’s daily works progress. ▪ Creating geographic databases for many neighborhoods in the cities of Mansoura and Sinbillawin.
<p>2021-2025</p>	<p>Sarh Al-Taqqnia Contracting Company- Saudi Arabia.</p> <p>Specialist in space, maps, and geographic information systems:</p> <p>Project:</p> <ul style="list-style-type: none"> • Project for the establishment of the College of Pharmacy at the University of Tabuk- Tabuk. <p>Tasks:</p> <ul style="list-style-type: none"> ▪ Signing the landscape coordinates. ▪ Signing the coordinates for the buildings, facilities, and interior and exterior finishes of the College of Pharmacy. <p>Project:</p> <ul style="list-style-type: none"> • King Abdullah Suburb Housing Project, Plan 15- Jizan. <p>Tasks:</p> <ul style="list-style-type: none"> ▪ The surveying signature for 1,235 villas within the project and the preparation of the surveying reports related to the project. ▪ Working on delivering the coordinates and elevations of the infrastructure in the project. <p>Project:</p> <ul style="list-style-type: none"> • Drinking Water Networks Project in Various Neighborhoods of Khamis Mushayt, Contract No. 4, Phase Two- Asir. <p>Tasks:</p> <ul style="list-style-type: none"> ▪ Supervision of the site and creation of reports for the National Water Company (PMM). ▪ Topographic survey of the water network along with its accessories, including pipes, valves, hydrants, and household connections. ▪ Creation of as-built engineering drawings for the network and submission for approval by the National Water Company. ▪ Establishment of a geographic database (GIS) according to the requirements of the National Water Company and submission for approval by the National Water Company (NWC). <p>Project:</p>

- The unified contract project for the Saudi Electricity Company in the city of Abha, Khamis Mushayt and AHD Rufaidah- Asir

Tasks:

- Conducting topographic surveys for implemented projects, networks, and household connections.
- Creating as-built drawings for projects, networks, and household connections.
- Establishing geographic databases (GIS) for implemented projects and household connections.
- Working on the Baladi platform for infrastructure excavation, including obtaining necessary permits for work and closing them.

Project:

- Development housing project in Khamis Mushayt city, Tathleeth city and Anoud district- Asir

Tasks:

- Determining soil test locations to conduct the necessary tests.
- Topographic survey before the start of the project and creating a grid to determine the levels for the projects to establish the plans.

Project:

- Sultana and Al-Madabe'a neighborhood water network construction project, Contract 2, T.H.- Taif- Makkah Al-Mukaromah Region

Tasks:

- Supervision of on-site implementation and creation of reports for the National Water Company (PMM).
- Surveying the water network along with its components, including pipes, valves, and hydrants.
- Creation of engineering drawings (And ASBUILT) for the network.
- Establishment of a geographic database (GIS) according to the requirements of the National Water Company.
- Working on the Balady platform for infrastructure excavation, managing necessary permits for work, and closing them.

2025-Until Now	<p>Bayt Al-Khabra Engineering Consulting Company- Taif- Makkah Al-Mukaromah.</p> <p>Surveyor and GIS Specialist Consultant</p> <p>Project:</p> <p>Project for Draft Engineering and Consulting Services Agreement to Provide Supervision Services for the Implementation of Water and Sanitation Projects in the Western Sector.</p> <p>Tasks:</p> <ul style="list-style-type: none"> ▪ Supervision of on-site implementation and creation of reports for the National Water Company (PMM). ▪ Supervising implementation at work sites. ▪ Supervising GIS work for projects. ▪ Closing permits on the Balady platform (Nasaq) for projects. ▪ Technical support at the National Water Company, Taif Business Unit, for preparing plans and reviewing geographic information systems for projects.
----------------	--

Professional and Soft Skills:

Skill	Level
Communication Skills	V. Good
Organized	V. Good
MS Office (Excel, Word, PowerPoint)	V. Good
AutoCAD	V. Good
Civil 3D	V. Good
Arc Gis Pro	V. Good
GPS	V. Good
TOTAL STATION	V. Good
LEVEL	V. Good
Water Gem	Good
QGIS	Good
Primavera P6	BASIC

Education / Professional Certificates and Memberships:

Date	Degree & Specialization and School / University, Country
2017	Bachelor of Arts in Geography from Mansoura University- Year of Graduation: (2013- 2017).

Courses:

Performing a Hydrological Analysis Using ArcGIS Pro from Esri recognizes
Creation and analysis of water networks using geographic information systems from the Udemy platform.
Use of the ARCGIS PRO program in infrastructure and surveying projects from the Geomatics Academy.
Surveying course at Arab Contractors Company (practical training on total station devices, leveling instruments, and surveying software).
Surveying course at Survey Office (training on total station devices, leveling instruments, GPS, AutoCAD, Civil 3D, LISCAD, Sokkia Link, and Prolink).