

# Ahmed Sobhy [Senior Surveyor]

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## Professional summary

Dedicated Senior Surveyor and GIS Specialist with over 10 years of extensive experience in surveying, mapping, and geospatial analysis. Proven expertise in infrastructure, construction, roads, power stations, and national mega-projects. Skilled in using surveying equipment, engineering software, and GIS tools. A team-oriented professional seeking to contribute to organizational growth through technical excellence and effective project management. Licensed Professional Engineer by the Saudi Council of Engineers (SCE #1142778) and accredited by the Saudi National Water Company (NWC).

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## Work Experience

### **Senior Surveyor & GIS | Khuzam Contracting Company**

**02/2025 — Present**

#### **Saudi National water company Projects**

**Location:** Al Balqaa - Al Madenah, Saudi Arabia

**Project:** Implementation of water pipes networks (Al Mahamed district) Including:

[ Pipe network installation, Water valve rooms, horizontal hole ]

#### Main Responsibilities and duties:

- Draft water pipeline layouts using AutoCAD based on ministerial cross-sections.
- Prepare as-built documentation and coordinated with consultants for approvals.
- Create Shape files for work permits via the Baladi platform.
- Support GIS schema development for the National Water Company.

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### **Senior Surveyor | Ahmos Contracting and Trading Company**

**01/2024 — 01/2025**

**09/2021 — 02/2023**

**Location:** Burj Al Arab, Alexandria, Egypt.

**Project:** Wastewater collection and transfer project (sanitary-agricultural) to reclaim an area of 362 thousand acres south of Dabaa axis (the Great Man-Made River).

#### Main Responsibilities and duties:

- Surveying for sewage networks including large diameter (2200 mm) pipes and a lift station.
- Establish control points using Total Station over 2.5 km.
- Led the surveying team and handled consultant communications.

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### **Senior Surveyor | Ahmos Contracting and Trading Company**

**03/2023 — 12/2023**

**Location:** 6th of October City, Giza, Egypt.

**Project:** Poster works project to reclaim 300 thousand acres for sustainable agriculture (Egypt's Future).

#### Main Responsibilities and duties:

- Supervise surveying operations for 10 posters in a 300k-acre agricultural project.
- Create project control points and managed layout activities.
- Coordinate team tasks and ensured timely delivery of surveying requests.

## **Surveyor Specialist | Ahmos Contracting and Trading Company**

**12/2020 — 09/2021**

**Location:** New Nubaria City, Beheira, Egypt

**Project:** Performance improvement project for irrigation and drainage network in Mazra'a Will.

### Main Responsibilities and duties:

- Work on the project's control points, and surveying.
- Follow-up of surveying works for the irrigation and sewage network and treatment plant.
- Create As built for the project after completion of works.

## **Surveyor Specialist | Ahmos Contracting and Trading Company**

**12/2019 — 11/2020**

**Location:** New Alamein City.

**Project:** New Alamein City Infrastructure Project.

### Main Responsibilities and duties:

- Implementation of sewage network, rain drainage and sewers, 600 mm diameter clay pipes, and pipes GRP diameter 1400mm, concrete matching works

## **Surveyor Specialist | Ahmos Contracting and Trading Company**

**04/2019 — 11/2019**

**Location:** Beni Mazar Center, Sheikh Fadl, Minya.

**Project:** Marble and Granite Factory Complex Project.

### Main Responsibilities and duties:

- Implementation of irrigation, water, fire, tanks and desalination plants networks.
- Follow-up of construction works (administrative buildings, workers' housing, electrical rooms).
- Implementation of roads (concrete, asphalt).
- Follow up on landscape work.

## **Surveyor Specialist | Ahmos Contracting and Trading Company**

**07/2018 — 03/2019**

**Location:** Youssef El-Siddiq Center, Fayoum.

**Project:** Marble and Granite Factory Complex Project.

### Main Responsibilities and duties:

- Create control points (constants) for the project.
- Implementation of sewage, water and fire networks.
- Follow-up of concrete works (4 water storage tanks with a capacity of 4000 m<sup>3</sup>, 1500 m<sup>3</sup>), 800 m<sup>3</sup> irrigation tank, 3 sewage tanks, treatment plant.
- Implementation of 2.5 km long intake and suction line for irrigation.
- I had a prominent role in the rapid implementation of the project within the time frame, and the project was inaugurated by the President of the Republic.

## **Surveying Consultant | Civil Land Office**

**03/2018 — 06/2018**

**Location:** New Administrative Capital.

**Project:** Mansoura Projects (2), Mansoura (7).

### Main Responsibilities and duties:

- Ensure accuracy of levels, alignments, and coordinates on site.
- Coordinate closely with construction, engineering, and supervision teams.
- Prepare survey reports, records, and as-built drawings.

## Surveyor Specialist | Civil Land Office

01/2018 — 03/2018

**Location:** Bader City, Egypt.

**Project:** Social housing project in Bader City.

### Main Responsibilities and duties:

- Implementation of concrete works, sewage and water networks for the project.

## Surveyor Specialist | Hassan Allam Sons Company

03/2017 — 12/2017

**Location:** Warraq, west Cairo.

**Project:** South Helwan Steam Power Plant Project with a capacity of 1950 megawatts.

### Main Responsibilities and duties:

- Proficient in coordinating civil construction activities in power plants, specializing in earthmoving, site leveling, and high-durability concrete works. Successfully delivered critical infrastructure components, including foundation systems and internal roadway construction.

## Surveyor Specialist | Hassan Allam Sons Company

07/2015 — 02/2016

**Location:** Atfeh, Giza.

**Project:** West Cairo Power Plant Expansion Project with a capacity of 650 megawatts.

### Main Responsibilities and duties:

- Proficient in coordinating civil construction activities in power plants, specializing in earthmoving, site leveling, and high-durability concrete works. Successfully delivered critical infrastructure components, including foundation systems and internal roadway construction.

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## Courses & Certification

- Licensed Professional Engineer | Saudi Council of Engineers (1142778) | 2025
- Accredited by the Saudi National Water Company.
- 15 GIS Specialized Courses | Esri Academy | 2025
- Make an Impact with Modern Geo Apps | MOOC | Esri Academy
- ArcGIS vs ArcGIS Pro Level 1: Fundamental | Udemy
- ArcGIS vs ArcGIS Pro Level 2: Map Styling, Editing & Web GIS | Udemy
- Geo data Analysis & Modeling | Geo Step Academy (ArcGIS Desktop) | 2025
- AutoCAD Certification | Geo Step Academy | 2025
- Introduction To Occupational Safety and Health Standards (OSHA).
- GIS Software & Application Online Course.
- Cartography | MOOC | Esri Academy.
- Spatial Data Science: The New Frontier in Analytics | MOOC | Esri Academy
- Exploring AutoCAD Civil 3D-Tutorials from Basics to Advanced | Udemy.
- Slam 100 3D Laser Scanner.
- Attending Seminars and Events in Surveying Applications and GIS.

## **Technical Skills**

- Surveying Tools: GPS, Total Station, Level.
- Engineering Software: AutoCAD 2D, AutoCAD Civil 3D, Sokkia Link.
- GIS Platforms: ArcGIS Desktop, ArcGIS Pro, Google Earth Pro.
- Office Tools: Microsoft Office Suite.

## **Education**

- Bachelor of Arts - Geography Department.
- Surveying and Mapping Department- Minia University
- General Grade: High Good - Graduation Year:(2015).
- Master's Preliminary - Minia University

## **Language Skills**

- Arabic: Native
- English: Good command of English both written and spoken.