

# WALID ELMENSHAWY

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## Surveying and Mapping Specialist

Seven years of experience in executing engineering projects (infrastructure, construction) using state-of-the-art surveying tools and Geographic Information Systems (GIS) technologies.

Proven expertise in managing precise surveying operations, analyzing spatial data, and designing detailed maps while strictly adhering to quality standards and deadlines.

## PROFESSIONAL EXPERIENCE

LAND SURVEYOR | ZHRAT ALSAHARA COMPANY | RIYADH, SAUDI ARABIA

MARCH 2024 – PRESENT

- ANALYZED SPATIAL DATA AND DESIGNED DETAILED MAPS USING AUTOCAD AND CIVIL 3D.
- MANAGED FIELD TEAMS AND ENSURED COMPLIANCE WITH QUALITY STANDARDS AND SAFETY PROTOCOLS.
- PREPARED TECHNICAL REPORTS AND PRESENTED FINDINGS TO ENGINEERS AND STAKEHOLDERS.
- PERFORMING SURVEY DATA EXTRACTION (MAPS - COORDINATES - FIELD SURVEY) AND PREPARING THEM FOR USE ON SITE.
- EXTRACTING SURVEY DATA ACCORDING TO SPECIFIC TECHNICAL REQUIREMENTS.
- FIELD SURVEY DATA IS COLLECTED USING TOTAL STATION/GPS DEVICES, THEN PROCESSED THROUGH SPECIALIZED SOFTWARE (ARCGIS/AUTOCAD) TO PREPARE IT FOR PRACTICAL IMPLEMENTATION.
- PREPARING DAILY SURVEY REPORTS THAT SHOW WORK PROGRESS AND DATA UPDATES.

LAND SURVEYOR & SURVEYING CONSULTANT | POLY LINE OFFICE FOR SURVEYING SERVICES | CAIRO, EGYPT

JANUARY 2022 – JANUARY 2024

- EXECUTED CONSTRUCTION SURVEYS AND MAPPED UTILITY NETWORKS (WATER SUPPLY, IRRIGATION, SEWAGE, AND ELECTRICAL SYSTEMS) IN ALIGNMENT WITH PROJECT SPECIFICATIONS.
- PROVIDED TECHNICAL CONSULTATIONS ON SURVEYING METHODOLOGIES, ADVISING ENGINEERING TEAMS ON OPTIMAL DATA COLLECTION AND ANALYSIS PRACTICES FOR COMPLEX PROJECTS.
- RESOLVED DISCREPANCIES BETWEEN FIELD DATA AND ENGINEERING DESIGNS TO ENSURE REGULATORY COMPLIANCE.
- CONDUCTED PRECISE LAND SURVEYS FOR INFRASTRUCTURE PROJECTS (CONSTRUCTION SITES, SEWAGE NETWORKS, IRRIGATION/WATER LINES) USING TOTAL STATION AND GPS TECHNOLOGIES.
- AS A CONSULTANT, I WAS WORKING ON RECEIVING THE SURVEYING WORK FOR BUILDING CONSTRUCTION AND INFRASTRUCTURE WORK .

LAND SURVEYOR | FORWARD GENERAL CONTRACTING AND REAL ESTATE DEVELOPMENT CO. | CAIRO, EGYPT

AUGUST 2019 – DECEMBER 2021

- IMPLEMENTATION OF PROJECTS BELONGING TO THE ENGINEERING AUTHORITY OF THE ARMED FORCES, INCLUDING HOUSING AND SERVICE FACILITIES.
- PROVIDING COMPLETE SURVEYING DATA (MAPS - SURVEY REPORTS) FOR USE IN IMPLEMENTING SITE WORKS

## Skills

Excellent time management skills • Independent & Collaborative Work Ethic • Microsoft Office Suite • Surveying Software: AutoCAD, Civil 3D, Surfer, Sokkia Link • Surveying Equipment: Automatic Level, Total Station, GPS

## Education

Bachelor of Arts in Geography | Tanta University, Egypt

July 2021

Specialization: Surveying, Cartography, and Geographic Information Systems (GIS)

## Activities

Football, Traveling, Swimming

## LANGUAGE

- Arabic: Native
- English: Very Good
- Urdu: Speaking Good