
Mohamed About Fotouh Ali

Survey Consultant / Specialist | GIS Specialist

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OBJECTIVE

I am a Land Survey Specialist and GIS Consultant with over 10 years of experience in surveying and field project management. My expertise includes utilizing advanced surveying equipment and GIS software to analyze geographical data and create accurate maps. I specialize in infrastructure projects, including roads, bridges, and urban development, with a proven track record of ensuring high-quality standards through effective collaboration with consultants and contractors. Personal Vision I aspire to leverage my technical expertise and experience to contribute meaningfully to a professional team focused on achieving organizational goals. I am dedicated to driving innovation, maintaining quality, and continuously improving performance in all projects I undertake.

EXPERIENCE

Feb 2024 - Present

- **Quantity Surveyor and Technical Office Specialist**

Al Rukaz Al Thabeta Co. Ltd – Madinah, Saudi Arabia

Projects: Development of Al-Aqiq Municipality Parks, Hamraa Al-Asad, Al-Takhassusi Pathways, and Shoran.

Responsibilities:

- Receiving and correcting fixed points.
- Reviewing design plans and making necessary adjustments.
- Checking elevations and coordinates.
- Preparing periodic reports and inspection requests.
- Conducting surveying works, linking the site with Google Earth, and inputting data into GIS applications.

Jan 2022 - Feb 2024

- **Survey Consultant**

Khatib & Alami – Egypt

Project: Light Rail Transit (LRT).

Responsibilities:

- Surveying works, including bridges, railways, and infrastructure.
- Verifying survey equipment and certifying calibration reports.
- Providing solutions to on-site challenges and ensuring compliance with designs.
- Preparing detailed project deliverables using Autocad and Civil 3D software.

Sep 2021 - Jan 2022

- **Survey Specialist (Bridge Projects)**

Al-Zayed Contracting Co. – Egypt

Project: Dabaa Turnaround Axis (KM 62/63).

Owner: Battalion 48, Army Sector.

Contractor: Al-Zayed Contracting Co.

Responsibilities:

- Calibrating surveying equipment on-site.
- Interpreting design drawings and extracting project requirements.
- Preparing office-based surveying tasks, including generating coordinates, elevations, and quantity calculations.
- Organizing submission documents for the consultant and attaching required survey data.
- Conducting final survey mapping and integrating it into GIS software.

Nov 2019 - Aug 2021

- **Survey Specialist**

Petrojet – Eastern Branch

Project: Light Rail Transit (LRT) – Al-Robiki Bridges and Infrastructure.

Responsibilities:

- Setting up traverse networks and elevations for reference points.
- Marking civil works, verifying elevations, and conducting continuous inspections during execution.
- Delivering survey data and works to the consultant.
- Executing infrastructure works, including building drainage, sewage and electrical networks, and water lift stations.
- Performing landscaping works, such as leveling, curbstones, and tree planting.
- Final project handover to Orascom Railway.

- Apr 2019 - Nov 2019

 - **Roads Survey Specialist**
Al-Shahd Contracting Co. – Egypt
Project: Development of Al-Tawari Canal Roads, Salam City.
Owner and Consultant: Battalion 44, Army Sector.
Contractor: Al-Shahd Contracting Co.
Responsibilities:
 - Setting road boundaries.
 - Surveying road paths and calculating required soil quantities.
 - Operating equipment to achieve desired elevations.
 - Marking boundaries and elevations for sewage networks and stormwater drainage systems.
 - Submitting road and drainage network profiles to the consultant.

- Dec 2018 - Mar 2019

 - **Freelance Work**
Tasks:
 - Executing various surveying and painting works.
 - Contributing to individual projects involving surveying and painting.

- May 2016 - Nov 2018

 - **Surveying Specialist**
Al-Hashimiya General Contracting Company
Second Period: February 2019 – April 2019
 - **Responsibilities:****Oil Pipeline Project:**
 - Surveying for a 12-inch pipeline, 220 meters long.
 - Redesigning the pipeline path with a mix of above-ground supports and buried sections.**Owner:** Egyptian Refining Company.
 - Main Contractor: GS Engineering & Construction (Korea).
 - Subcontractor: Al-Hashimiya Company.**Civil Works:**
 - Preparing concrete guides and pallets.**Mechanical Works:**
 - Marking axes and verifying mechanical equipment before installation.**Steel Works:**
 - Ensuring horizontal and vertical dimensions and levels during installation.**Roads and Infrastructure:**
 - Marking road edges and leveling from soil to asphalt.
 - Designing wastewater and water networks, ensuring proper slope and dimensions.
 - Working on low- and high-voltage electrical cable networks.**Construction:**
 - Implementing fences, buildings, towers, and precast concrete columns.

- Oct 2015 - Mar 2016

 - **Surveying Assistant, later promoted to Surveyor**
Hany Salama Roads Company
Project: Madinaty City – Supervised by Talaat Moustafa Construction Group
Responsibilities:
 - Road construction projects, including leveling and coordinate adjustments.

- Mar 14, 2015 - Apr 16, 2015

 - **Project:** Updating Boundary Maps – Sarawa Village
Responsibilities:
 - Conducting detailed surveying of Sarawa Village.
 - Preparing a map with a scale of 1:2500.
 - Connecting the old urban boundary to the new one.**Supervision:** Under the Faculty of Arts, Menoufia University.

EDUCATION

- 2015

 - **Menoufia University**
Faculty of Arts, Department of Geography (Surveying and Cartography)
Grade: Good

CERTIFICATIONS

- - Training on surveying equipment – Faculty of Arts, Menoufia University (2015).
 - Training at Surveying Group Company (2015).
 - Experience Certificate – Al-Hashimiya Contracting Co. (2019).
 - Experience Certificate – G S E&C Company (2019).
 - GIS Bloggers Course.

TECHNICAL SKILLS

- - Total station - GPS Station - Level - ARC GIS(map-pro-online-web app – story map – survey 123 – dashboard)
 - AutoCAD and civil3d
 - Technical office of surveying and civil
 - Earth work Program
 - Microsoft office
 - Extensive expertise in road, bridge, and infrastructure projects.
High proficiency in using surveying equipment, GIS software, and AutoCAD.
Experience in diverse environments, including private and government sectors, with a strong commitment to quality standards and timely delivery.

PRACTICAL SKILLS

- - Expertise in preparing and updating spatial maps.
 - Executing diverse projects in infrastructure, roads, and bridges.
 - Proficient in handling all types of surveying instruments and specialized software.
 - Map applications, spatial and descriptive analyses, integrating maps with the internet (web), and linking GIS with AutoCAD, Civil 3D, and Google Earth.

LANGUAGES

- - Arabic
 - English

PERSONAL DETAILS

- Nationality: Egyptian
Link:<https://i.qiwa.sa/public/user/4a79cc40-ae04-491b-ba47-5a81cc09b3a7>