# Ayman AbdulKareem Mohamed

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Availability: Ready to join **immediately** and available for relocation and **travel**

## Objective

As an experienced GIS professional with **over 7 years** of experience in Geospatial data analysis, quality assurance, geodatabase management, and cartographic design using ArcGIS Pro, QGIS, and ArcGIS Enterprise. Proven track record in leading geomatics projects and ensuring data integrity for government and private sectors in the UAE and Egypt. Seeking **Senior GIS Specialist** or **GIS Analyst** roles to enhance geospatial data quality.

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## Experience

**Senior GIS Data Specialist**                                                    *June 2023 – Present*
*Julfar Consultancy Services, Cairo, Egypt*

- **Lead** and manage the deployment of geomatics team resources ensuring quality, value, and timely support.
- **Conducted** stakeholder meetings to present spatial analysis results and maps.
- **Managed** geodatabase creation and maintenance using ArcGIS Pro and ArcGIS Enterprise.
- **Ensured** geospatial data quality by implementing QA processes, achieving 85% improvement in data accuracy.
- **Key Projects:** Road and utility Data Cleansing & Right of Way (**ROW**) Projects.

**Data Standards Specialist**                                                    *January 2023 – June 2023*
*Quality Standards for Information Technology, Cairo, Egypt*

- Data Standardization, Data Integration, Data Migration and Conversion, Data Quality Control.
- Documentation and Reporting.
- **Key Projects:** Egyptian Natural Gas Holding Company (**EGAS**) Phase 2.

**Support Operations Specialist**                                                    *June 2022 – January 2023*

- Reviewed and digitized land use permits and property, ensuring accurate geospatial representation.
- Creating and publishing surveys for data-collection from inspections using ArcGIS Survey123.
- **Key Projects:** Diriah Gate Development Authority (**DGDA**).

**Data Quality Control Specialist**                                                    *January 2021 – June 2022*

- Basemap Production and Update Procedures.
- Converting CAD files to geodatabase and updating geospatial data with georeferencing.
- Finalizing geospatial data attributes and geometry.
- Digitizing scanned maps or satellite images using ArcGIS suite.
- Building Network Dataset Testing and publishing the network.
- Performing Quality control processes on spatial & attribute data and generating quality reports.
- **Key Projects:** Egyptian Electricity Holding Company (**EEHC** - **Basemap**).

**GIS Data Specialist**                                                    *March 2020 – December 2020*
*ESRI Northeast Africa, Cairo, Egypt*

- Data entry from grids to attribute tables and management in geodatabases.
- Fixing coordinates and digitizing features missed from satellite imagery.
- Performing automated and manual data validation.

- **Key Projects:** Ministry of Interior of Egypt (**MOI**).

**Achievements:** High evaluation achieved within the first **6 months.**

**Field Survey QC** *QINA & RED_SEA, Egypt*                                    *December 2019 – March 2020*

- Prepare specifications for survey activities and ensure quality assurance and control of survey works.
- Creating field operations Apps based on project requirements, Using ArcGIS Survey123, Field Maps, Workforce.

**Draftsman GIS** *QINA Governorate, Egypt*                                    *March 2018 – October 2018*

- Performing digitization processes according to project guidelines.
- **Key Projects:** Informal Settlements Development Fund (**ISDF**).

**GIS Mapping Technician** *QINA Governorate, Egypt*                                    *October 2017 - February 2018*

- Preparing work plans for developing slums in Qina City using GDB, spatial analysis, and various maps.

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# Education

- **2015-2018:** B.A. in Geography and Geographical Information Systems (**GIS Section**), South Valley University, Grade: **Very Good (80.7%)**

## Certifications and Training

- **Digital Egypt Pioneers Initiative Scholarship**, Software Development (Front End Track), 2024
- **Programming Fundamentals (Computer Science) Diploma**, Route IT Academy, 2023
- **Training Experience:** Prepared an Atlas of Maps and developed Web-based GIS Apps for SVU.

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# Competencies and Skills

- **GIS Software**: ArcGIS (ArcMap, ArcPro, AGOL) ArcGIS Enterprise, Survey123, Field Maps, FME Desktop, QGIS.
- **GIS Expertise**:
  - GIS Data Spatial Analysis and Modeling, Property Data Analysis, Data Validation.
  - Data Manipulation and Integration (ETL processes).
  - Cadastral Mapping and Land Records Management.
  - Remote sensing (digitizing satellite imagery), Cartographic Design.
  - Sharing GIS Content on the Web & GIS Web Applications.
  - Configuring ArcGIS Enterprise **Base Deployment.**
- **Tools:** AutoCAD, Microsoft Excel (pivot tables, data visualization), Python (ArcPy), SQL Server.

**Language skills:** Arabic (Native), English (Fluent in technical writing, good command of spoken English, actively improving)

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# Personal Details

- Date of Birth: **17-06-1996**        Gender: **Male**        Marital Status: **Single**        Military Status: **Completed**