

**AHMED IDRIS ABDELKARIM IDRIS**  
**Surveying Engineer**

☎ [+966502120276] | ✉ [En.ahmedagba@gmail.com] | 📍 [Saudi Arabia]  
| **Driving License:** Valid, full, and clean driving license.

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**ABOUT ME**

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A detail-oriented Surveying Engineer with over 12 years of hands-on experience in land surveying, boundary determination, infrastructure development, road construction, and project management. Adept in utilizing advanced surveying equipment and GIS technologies to deliver highly accurate measurements and comprehensive reports. Proficient in spatial data analysis, mapping, and urban planning support, with extensive experience using tools such as ArcGIS, AutoCAD Civil 3D, and QGIS

**EDUCATION**

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**Bachelor of Engineering in Surveying Engineering**  
Sudan University for Science and Technology – Sudan | 2007 – 2012

**CERTIFICATION & PROFESSIONAL MEMBERSHIP**

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- **Professional Engineer Registration**  
Saudi Council of Engineers (SCE) – Membership ID: 200829

**WORK EXPERIENCE**

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**Surveying Engineer – Future Emaar Company**  
**Project: Sanitary Drainage Network Installation**  
📍 Saudi Arabia | **April 2025 – Present**

- Install sanitary drainage networks per project and safety standards.
- Coordinate with engineering teams for timely task completion.
- Apply underground piping techniques and ensure regulatory compliance.
- Maintain high-quality assurance standards.

**Surveyor – Cairo Surveying Office**  
📍 Egypt | **March 2023 – 2024**

- Conducted site assessments and established control points.
- Collected and analyzed field survey data.
- Coordinated with engineering teams to meet design specifications.
- Monitored construction progress and provided updates.

## **Senior Surveyor – Al Nasr Contracting Company**

📍 Khartoum, Sudan | **April 2013 – 2014**

- Executed precise site surveys for construction and excavation projects.
  - Used total stations, GPS, and digital levels for data collection.
  - Worked with project managers on layout development.
  - Contributed to technical documentation and reporting.
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## **GIS Specialist – Urban Planning Projects**

📍 Sudan | **2012 – 2013**

- Provided GIS and spatial analytics for urban master planning.
  - Built spatial databases for land use, zoning, and infrastructure analysis.
  - Used **ArcGIS Pro** for environmental impact assessment, accessibility, and urban growth projections.
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## **Surveyor – Durrat Al Falah Company**

📍 Riyadh Air Base, Saudi Arabia

- Responsible for surveying works on military base infrastructure.
  - Conducted road construction, drainage, and finishing works.
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## **Surveyor – Abraj Real Estate Company**

📍 Khartoum, Sudan

- Involved in the **Evidence Tower** project and forensic complex.
  - Performed road layout, elevation, and sewage network planning.
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## **Surveyor – Zadna for Roads and Bridges**

📍 Shandi – Al Qamar Road

- Led field surveying for roadworks and excavation.
  - Ensured accurate levels and data collection using modern devices.
  - Collaborated with managers on design and reporting.
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## **TECHNICAL SKILLS**

- GPS
- Total Station
- Digital Level
- Automatic Level

***Software & Applications:***

- **ArcGIS Desktop** (Basic to Advanced Applications)
  - **ArcGIS Pro** (Parcel Management, Zoning)
  - **Hydrology & Network Analysis Tools**
  - **QGIS**
  - **ERDAS IMAGINE & ENVI** – Remote Sensing & Satellite Imagery
  - **Google Earth**
  - **AutoCAD & Civil 3D**
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**ADDITIONAL TRAINING & SKILLS**

- Project Management
  - Technical Report Writing
  - Human Resources Coordination
  - Accountability & Needs Assessment
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**LANGUAGES *(Add if applicable)***

- Arabic: Native
- English: Proficient