

Mohaned Abdalh Musa Abdalh

GIS Specialist | Riyadh, Saudi Arabia | Phone: +966569849279 | Email : mohnedabdllh@gmail.com

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Professional Summary :

GIS Specialist with a Bachelor's Degree (Honors) in Surveying Engineering, passionate about leveraging Geographic Information Systems to develop smart, data-driven solutions. Skilled in spatial analysis, mapping, and geospatial technologies, with a strong commitment to continuous learning and innovation. Eager to contribute to impactful projects that utilize GIS across diverse sectors.. Seeking to contribute technical expertise to geospatial or land development projects.

Technical Skills :

- GIS Software: ArcGIS, QGIS, ArcGIS Pro, ArcGIS Online
- Surveying Tools: Total Station, GNSS Receiver, Auto Level
- CAD & Design Tools: AutoCAD, Civil 3D, Surfer
- Office Tools: Microsoft Word, Excel, PowerPoint
- Other Skills: Spatial Analysis, Map Creation, Data Collection, Problem Solving, Communication

Professional Experience :

Survey Engineer

Alu City Co. Ltd. – Khartoum, Sudan | Feb 2023 – Oct 2024

- Supervised installation of curtain walls per engineering specifications.
- Oversaw site leveling and elevation control using GNSS and leveling equipment.
- Coordinated measurements and angle adjustments for accurate curtain wall alignment.
- Managed workforce scheduling, task delegation, and project timeline adherence.
- Ensured compliance with safety and quality standards.

Land Survey Intern Engineer

A&M Zone Co. Ltd. – Khartoum, Sudan | 2020 – 2022

- Collected field data using Total Station for point raising and site marking.
- Drafted architectural and structural layouts with precision.
- Conducted land leveling and road profiling using leveling instruments.
- Measured excavation zones and calculated material quantities.

Education :

B.Sc. in Survey Engineering (Honors)

Sudan University of Science and Technology | 2016 – 2023

Projects :

Sudan COVID-19 Dashboard using GIS

- Participated in the development of an interactive GIS-based dashboard to monitor COVID-19 cases across Sudan.
- Collected and organized case data in Excel sheets categorized by states.
- Used spatial analysis tools to link case data with geographic locations across Sudanese states.
- Developed and published the dashboard platform to visualize real-time case distributions and trends for public and institutional use.

Network Analysis of Khartoum Public Transportation using GIS

- Conducted a comprehensive GIS-based network analysis of Khartoum's public transportation system.

- Digitized and mapped the transportation network using ArcGIS.
- Built and corrected network topology for accurate route modeling.
- Applied Network Analyst tools to evaluate connectivity, route optimization, and service coverage.

Certifications & Courses :

- GIS, Mapping, and Spatial Analysis – **University of Toronto | Dec 2024**
- Going Places with Spatial Analysis – **Esri MOOC | Feb 2025**

Languages :

- Arabic: Native
- English: Intermediate (B1)

Availability :

Ready to relocate or work remotely. Open to full-time or contract opportunities in GIS, land surveying, Geomatics and geospatial analysis.