

# Osama Mohamed

Quantity Surveyor | Technical Office Engineer | Survey Engineer

+966 53 653 5450

@ osamaalhlaw@gmail.com

<https://www.linkedin.com/in/osama-mohamed-95364112b>

Riyadh, Saudi Arabia

Saudi Council of Engineers (SCE), Membership ID: 1038164 | Issued: Jun 2024

Sudanese Engineering Council, Membership ID: 59692 | Issued: Mar 2019

## Professional Summary:

Results-driven Technical Office Engineer and Quantity Surveyor with over 7 years of experience in construction, infrastructure, and road projects across Saudi Arabia and Sudan. Skilled in cost estimation, surveying, project planning, AutoCAD drafting, and quantity take-off. Proven ability to ensure cost-effective project execution, schedule compliance, and quality assurance. Member of both the Saudi Council of Engineers and Sudanese Engineering Council.

## Career Objective:

Aiming a project manager leadership role in a multinational company to leverage expertise in project management and infrastructure development while contributing to organizational growth and Vision 2030 initiatives, having new challenging roles in infrastructure and urban development projects

## Core companies

- Quantity Take-off & Cost Estimation.
- Project Planning & Scheduling.
- Technical Drawings (AutoCAD, Civil 3D)
- Shop Drawings & Documentation.
- Site Inspection & Coordination.
- Contract Administration.
- Value Engineering & Cost Control.
- Quality Assurance & Compliance.
- GIS & Data Processing.
- Stakeholder & Client Communication.

## Practical Experiences:

**Technical Office Engineer, Riyadh Roads Contracting Co. – Riyadh, Saudi Arabia** | Jul 2024 – Present

- Create project databases on GIS.
- Prepared detailed shop drawings, BOQs, and technical documents for infrastructure projects.
- Assisted in project planning, budgeting, and scheduling ensuring cost and time optimization.
- Conducted quality control checks on design documents and construction drawings.
- Provided technical support to site engineers and coordinated with clients and consultants.
- Prepared and submitted daily and monthly progress reports and managed contractor payment schedules.

**Survey Engineer, Abdulla Alsaaid Consulting Co. – Riyadh, Saudi Arabia | Jun 2023 – Jun 2024**

- Prepared and reviewed cost estimates and project budgets, applying cost control measures.
  - Conducted site inspections and analyzed project documents for compliance and progress tracking.
  - Collaborated with project stakeholders to ensure smooth communication and milestone delivery.
  - Monitored project variances and financial performance, providing reports to management.
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**Survey Engineer, Fu Hong Construction Roads & Bridges Enterprises – Khartoum, Sudan | Jul 2019 – Apr 2023**

- Create project databases on GIS.
  - Conducted topographic and construction surveys using GPS, total stations, and leveling instruments.
  - Processed field data and prepared survey reports, maps, and drawings using specialized software.
  - Developed project plans, including timelines, resource allocation, and risk assessments.
  - Led and supervised survey teams, monitored productivity, and ensured data accuracy.
  - Calculated cut and fill quantities and supported design validation for civil infrastructure projects.
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**GIS Analyst (Intern), National Telecom Corporation – Sudan | Nov 2016**

- Supported data collection and spatial analysis for telecommunication network mapping.
  - Contributed to development of digital GIS databases for national infrastructure projects.
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**Engineering Trainee, Key Projects:**

**Sudan Civil Aviation Authority (SCAA) – Sudan | Apr 2018 – May 2018.**

**Roles & Responsibilities:**

- Assisted senior engineers in surveying and mapping airport expansion projects.
- Participated in data collection, drafting, and design review activities.

**Key Projects:**

- Al Helwa Infrastructure Project, Riyadh Region – Technical documentation & survey coordination.
- Al Ajlan Development Project, Riyadh City – Cost estimation and site coordination.
- Al Rajhi Towers Project (26 Towers), Khartoum, Sudan – Quantity surveying and supervision.
- Tadamon Islamic Bank Project, Khartoum – Surveying and drafting support.
- Private Villa Project, Khartoum – Full-site layout and level control.

## Education

- **B.Sc. in Surveying Engineering** – Sudan University of Science and Technology, Dec 2018.
- **Higher Diploma in Business Administration** – National University, Sudan, Dec 2022, Grad: 3,26.

## Trainings & Certifications

- Professional Quantity Surveying (320 Hours) – Zoohal Engineering & Training Center, Sudan (May–Jul 2017)
- Project Management Professional (PMP) – 7Vision Training & Development.
- Integrated Fire Safety System – 7Vision Training & Development.
- Quality Engineering Management – 7Vision Training & Development.
- GACA – Unmanned Aircraft (UAG) Non-Recreational Pilot (Part 107 Equivalent) – General Authority of Civil Aviation (Saudi Arabia).  
Score: 95% (Passed)  
Test Date: 01 Sep 2025 | Expiration: 31 Aug 2027  
Demonstrated advanced knowledge of aviation safety, environmental sustainability, and UAV operation for engineering and mapping applications.
- Memberships: Saudi Council of Engineers | Sudanese Engineering Council.

## Technical Skills

- ArcGIS Desktop/Pro, ArcGIS Online, QGIS.
- AutoCAD | Civil 3D | Microsoft Office Suite.
- Surveying Equipment (Total Station, GPS, Leveling Instruments).
- Topographic, Cadastral & Construction Surveys.
- GIS & Data Processing Software.
- Cost Estimation & BOQ Preparation.
- Technical Documentation & Shop Drawing Development.

## Soft Skills:

- Strong Leadership & Team Motivation.
- Strategic Planning & Decision-Making.
- Effective Communication & Stakeholder Management.
- Cross-cultural Team Collaboration.
- Problem-Solving & Risk Mitigation.
- Adaptability & Continuous Learning.

## Languages:

Arabic: Native.

English: Good.

**References available upon request**