

# MAAZ AHMED BABIKER

## CIVIL ENGINEER

Riyadh, Kingdom of Saudi Arabia

| +966 575804371 | +966 550252042 | [Moazginafe@gmail.com](mailto:Moazginafe@gmail.com)

### SUMMARY

Highly motivated and results-oriented Civil Engineer with a strong background in construction management, site supervision, and infrastructure projects, seeking to leverage extensive experience and technical expertise to contribute to complex engineering challenges and achieve organizational success within a dynamic environment.

### Areas of Expertise

- Construction Project Management: Expert in overseeing large-scale construction projects from inception to completion.
- Site Supervision & Coordination: Skilled in managing on-site activities, ensuring efficiency and quality control.
- Infrastructure Development: Proficient in planning, designing, and executing road and bridge construction.
- Quality Assurance & Control: Dedicated to implementing high-quality standards in all civil engineering works.
- Budgeting & Quantity Surveying: Capable of accurate project costing, quantity calculations, and financial oversight.

### PROFESSIONAL EXPERIENCE

#### Construction Manager

March 2022 – 2025

#### CM Tawakd Contracting Company | Riyadh, Kingdom of Saudi Arabia

- Directed and controlled all construction activities, ensuring adherence to project plans and specifications.
- Supervised and coordinated diverse teams, fostering a productive and safe work environment consistently.
- Managed project risks effectively, implementing proactive measures to mitigate potential delays and issues.
- Oversaw critical aspects of the construction process, including structural integrity, plumbing, and electrical systems.
- Prepared detailed site reports, cross-referencing designs and drawings for accuracy and compliance always.
- Ensured all project phases met agreed-upon specifications, budgetary constraints, and strict timelines.
- Conducted precise calculations of project quantities, optimizing material usage and cost efficiency consistently.
- Analyzed and interpreted complex architectural plans, translating them into actionable construction tasks effectively.

#### Construction Site Engineer

2019 – 2021

#### Erbil General Contracting and Investment Company | Sudan

- Successfully implemented various metal structures, ensuring their stability and structural integrity throughout projects.
- Managed the construction of diverse buildings utilizing advanced technologies, enhancing project efficiency significantly.
- Ensured the smooth and efficient operation of all construction activities from initiation to completion effectively.
- Collaborated closely with architects and clients to achieve project goals and maintain high quality standards always.
- Monitored on-site progress, identifying potential challenges and implementing timely corrective actions diligently.
- Prepared detailed progress reports, keeping stakeholders informed about project milestones and budget adherence.
- Maintained strict adherence to safety regulations and quality control measures on all construction sites consistently.
- Resolved on-site technical issues promptly, minimizing disruptions and maintaining project schedules efficiently.

#### Road and Concrete Construction Engineer

2017 – 2018

#### Banga Engineering Consultants Company | Sudan

- Increased the company's profit rate by 15% through optimized resource allocation and efficient project execution.
- Interpreted intricate architectural plans, translating complex designs into practical construction directives accurately.
- Divided tasks and responsibilities among team members, ensuring clear communication and efficient workflow management.
- Managed all aspects of overseeing road and concrete construction projects from inception to successful completion.
- Conducted rigorous quality control inspections on concrete mixes and road materials, ensuring durability and safety.
- Supervised heavy machinery operations, optimizing their use for maximum productivity and project acceleration consistently.
- Coordinated with suppliers and vendors, ensuring timely delivery of materials and adherence to specifications efficiently.

- Provided comprehensive general supervision of the project's infrastructure, ensuring adherence to design and quality.
  - Innovated and applied new construction methods, enhancing project efficiency and reducing overall costs significantly.
  - Participated in designing new structures, contributing to the conceptualization and development phases effectively.
  - Conducted thorough analysis of traffic patterns to optimize road and bridge designs for maximum functionality.
  - Monitored the construction progress of roads and bridges, ensuring compliance with established engineering standards.
  - Managed on-site resources, including personnel and equipment, to maximize productivity and achieve project goals.
  - Prepared detailed technical reports and documentation, communicating project status to senior management clearly.
  - Ensured all work conformed to safety regulations and environmental guidelines, maintaining a secure work site always.
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## **EDUCATION**

- Bachelor of Civil Engineering Sudan University of Science and Technology | 2013
- -2018

### **Certifications & Courses**

- Occupational Safety And Health Administration (OSHA) Program | Quality Experts, Kingdom of Saudi Arabia | Feb 25 - Mar 1, 2023
  - Quality Standards in Civil Engineering Course | Top Leaders Training Center, Sudan
  - Electronic Accounting Course | Top Leaders Training Center, Sudan
  - Structural Design Course | February 2024
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## **Projects**

- King Khalid Military College Project (Central Area and Stadium Renovation) | February 2024
  - Fuel Way Gas Station Project | Al-Hijra Road, Madinah
  - State Security Project (Interior Decorations, Glass, and Wood) | October 2022 - December 2022
  - Murcia 2 Project (Concrete Works and Finishing) | 2023 - 2024
  - Riyadh Housing Project - Airport Housing | Site Engineer
  - Murcia 1 and Murcia 2 Project | Cost: SAR 30 Million
  - Majmaah Housing - Majmaah | Funded by Ministry of Housing | Supervision Contractor
  - Dунqula-Khartoum Road Culverts Project | July 2021 - November 2021 | Sudan
  - Al-Jeili-Khartoum Road Gas Station Project | March 2020 - September 2020 | Sudan
  - Palace of Youth and Children Road Project, Khartoum | Site Engineer | October 2019 - January 2020 | Sudan
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## **SKILLS**

### **Technical Skills**

- Microsoft Office Suite (Word, Excel, PowerPoint)
- AutoCAD - Primavera P6 (Basic) - SAP2000 (Basic)
- Construction Management - Site Engineering - Structural Analysis - Concrete Technology - Road Construction - Bridge Construction - Quantity Surveying - Blueprint Reading - Project Planning & Scheduling - Quality Control - Health & Safety Regulations (OSHA Certified)

### **Interpersonal Skills**

- Accuracy, attention to detail, teamwork, and ability to work under pressure
- Excellent verbal and written communication skills, decision-making and problem-solving skills
- Effective time management, adherence to deadlines, and a desire to learn and continuously improve

### **Languages**

- Arabic: Mother Tongue
- English: Good