

# Abrar Bazaz

## Civil Engineer

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### PROFILE

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Results-oriented Civil Engineer with over 9 years of experience excelling in the management and **execution of diverse construction projects**, including **water resources, infrastructure, roads, bridges, and buildings**. Renowned for **execution, and precise cost estimation**. Proficient in **Autodesk Civil 3D**. Acknowledged for fostering effective collaboration with cross-functional teams and clients. Poised to contribute dynamic leadership and technical excellence to drive success in your endeavors.

### SKILLS

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- Autodesk Civil 3D
- AutoCAD
- Construction Management
- Site Supervision
- Project Management
- Quality control and assurance
- Cost Estimation
- Collaborations and communications
- MS office

### PROFESSIONAL EXPERIENCE

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#### World Construction Company

Project Engineer

March'2024 - Present

Riyadh, Saudi Arabia

##### Roles and Responsibilities

- Arranged and advised on precautions related to **site mobilization** to ensure smooth project initiation.
- Conducted various **civil works** including the installation of **floor screed** and the construction of **solid and hollow block walls**, ensuring adherence to project specifications and quality standards.
- Managed various **gypsum works** including the construction of **walls and partitions**, as well as installation of **ceilings**, ensuring precision and quality in accordance with project requirements.
- Oversaw a wide range of construction projects encompassing **metal works**, including **decorative panels and screens**, as well as **wall cladding**. Additionally, managed **HVAC** (Ventilation, and Air Conditioning) systems installation, **fire fighting** systems, **decorative cladding** implementation, and **floor epoxy** work. Ensured quality execution of **construction paints**, as well as **lighting installations** on ceilings, floors, and walls. Coordinated **ceramic tiles** installations, guaranteeing meticulous attention to detail and adherence to project specifications.
- Prepared, reviewed, and analyzed construction **activity reports**.
- Managed direct and indirect staff by assigning tasks, monitoring output, and addressing **delays promptly**.

#### WAPCOS Limited

Civil Engineer

April'2022 - January'2024

Jammu & Kashmir, India

##### Roles and Responsibilities

- Led the implementation of intricate technical design and analysis tasks across diverse water resources, power, and infrastructure projects. I ensured the seamless execution of projects, guaranteeing both timeliness and efficiency.
- Demonstrated expertise in the construction and supervision of **Overhead Tanks (OHTs), filtration plants, and the laying of water pipelines**. This involved a hands-on approach, where I actively engaged in on-site activities to supervise and ensure the precise implementation of project plans.

- Conducted comprehensive fieldwork and site visits for data collection, surveying, and monitoring purposes. My commitment to accuracy and attention to detail in these activities contributed to the creation of precise and reliable project assessments.
- Excelled in the preparation of various technical documents, including detailed technical reports, project proposals, and documentation. Through effective communication of findings and recommendations, I played a pivotal role in conveying complex technical information in a clear and accessible manner.
- Established strong collaborative relationships by proactively coordinating with clients, stakeholders, and government agencies. Addressing project requirements and concerns, I provided valuable technical expertise, fostering a streamlined flow of communication throughout the project lifecycle.
- Maintained rigorous quality control standards by meticulously **reviewing design documents, drawings, and specifications**. This ensured that all aspects of the projects conformed to established standards, meeting and often exceeding expectations.

## **Dosor Al-Arabia Co. LTD**

Civil Engineer (Highway engineer)

**September'2019 - December'2021**

Abha, Saudi Arabia

### *Roles and Responsibilities*

- Played a pivotal role in the preliminary road **design** phases of various projects by providing meticulous drafting services, ensuring precision and accuracy in the creation of plans, drawings, and quantities essential for construction.
- Translated survey results into detailed **technical drawings**, demonstrating a keen ability to interpret complex data and seamlessly incorporate it into the design process.
- Applied sound knowledge of geometric design principles, utilizing **AutoCAD Civil 3D** for the development of road infrastructure projects.
- Reviewed and comprehended road construction project plans and design documents, ensuring a thorough understanding of project requirements and contributing to the development of effective design solutions.
- Demonstrated expertise in **3D modeling**, leveraging advanced tools and techniques within **Civil 3D** for precise and effective design solutions.
- Created **alignments, profiles, and designs using Civil 3D**, ensuring adherence to project specifications and industry standards.
- Generated **cross-sections within Civil 3D**, providing detailed insights into project topography and facilitating accurate design assessments.
- Championed professional standards in engineering design, continually seeking ways to enhance and promote excellence in the field.
- Demonstrated proficiency in the preparation of comprehensive **tender documents, contracts, budgets, bills of quantities**, and other critical documentation, contributing to the seamless execution of projects.
- Leveraged my proficiency in **quantity surveying** to meticulously estimate construction project costs, encompassing a thorough assessment of materials, labor, and overhead expenses. This involved applying in-depth knowledge and experience to ensure precise and reliable cost projections, contributing to effective project planning and financial management.
- Oversaw site survey and preparation activities, including clearing, grading, and excavation, ensuring a solid foundation for successful construction projects.
- Managed the selection and procurement of construction materials, ensuring the timely availability of essential supplies like asphalt, concrete, and aggregates.
- Conducted regular inspections to verify that construction work met design and quality standards, addressing any deviations promptly.

*Roles and Responsibilities*

- Conducted thorough initial site assessments to meticulously evaluate the feasibility of **bridge construction**, leveraging expertise to identify key considerations and potential challenges.
- Assumed a hands-on role in overseeing and implementing construction work in accordance with provided drawings, ensuring precision and adherence to project specifications.
- **Verified plans, drawings, and quantities** with meticulous attention to detail, contributing to the accuracy and reliability of construction activities.
- Led the construction of bridge foundations, encompassing **piles, caissons, or spread footings**, demonstrating a comprehensive understanding of foundational engineering principles.
- Managed the erection of **bridge piers and abutments**, meticulously ensuring proper alignment and structural integrity throughout the construction process.
- Implemented stringent **quality control** procedures for materials, including concrete, steel, and construction equipment, ensuring the highest standards of durability and performance.
- Enforced adherence to project specifications, confirming that all materials were utilized appropriately and work was executed in alignment with established standards.
- Maintained precise records of construction activities, compiling daily reports, inspection reports, and **test results** to document project progress comprehensively.
- Monitored safety procedures rigorously, ensuring compliance with regulatory standards and fostering a secure work environment for all team members.
- Through comprehensive oversight, contributed to the successful execution of bridge construction projects by integrating technical expertise, quality control, and safety considerations.

*Roles and Responsibilities*

- Managed the entire spectrum of site activities, from ensuring proper site **clearance and excavation** to the day-to-day supervision and monitoring of the site labor force. This comprehensive approach contributed to the seamless execution of construction projects.
- Oversaw the installation of building foundations, demonstrating expertise in coordinating **footings, piles, or slabs** to establish a solid and durable foundation for construction.
- Supervised the erection of structural framing components, including **columns, beams, and trusses**, ensuring precision and adherence to engineering standards throughout the construction process.
- Exercised diligent oversight of quality control and safety matters on-site, contributing to a work environment that prioritized both excellence and the well-being of the construction team.
- Managed masonry and concrete construction, including **walls, floors, and slabs**, showcasing proficiency in the execution of critical components of the building process.
- Ensured the proper curing and finishing of concrete surfaces, contributing to the overall durability and aesthetics of the constructed elements.
- Maintained accurate documentation of site activities, material quantities, and change orders, providing a thorough record of project progress and facilitating effective communication among stakeholders.
- Developed detailed **Bar Bending Schedules (BBS)** for reinforced concrete, optimizing construction efficiency and material usage through meticulous planning.
- Confirmed the adherence to project specifications by ensuring that all materials were used appropriately, and work was executed in alignment with established standards. This commitment to quality control contributed to the overall success and integrity of construction projects.

## PROJECTS

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### **World Construction Company**

**Client : Abdullah Al Othaim Investment Co.**

*Fit out work of Entertainment zone (Safforiland and Xtreme zone).*

### **WAPCOS Limited**

**Client: Jal Shakti Department Kashmir Division**

*Comprehensive third party monitoring for works related to Jal Jeevan Mission in Kashmir region*

### **Dosor Al Arabia**

**Client: Municipality of Aseer Region, Govt Of KSA**

*Implemented and oversaw the construction of various Infrastructural and Building projects.*

*Maintenance of Abha International airport.*

### **GKW Consult (DCS, ERA)**

**Client: J&K Economic Reconstruction Agency (ERA)**

*Implemented and oversaw the construction of major bridges in the city.*

## EDUCATION

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### **SRM University**

**2012-2016**

*Bachelor's Of Technology*

*Civil Engineering*

## COURSES

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### **Engineering Project Management**

**Oct'2024**

*Rice University*

### **Construction Project Management**

**May'2022**

*Columbia University*

## LANGUAGES

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- English

- Urdu

- Arabic