

Mohammad Umair (PMP/LEED)

Senior Project Engineer

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Summary

Over 11 years of experience managing diverse projects across the GCC landscape, residential, infrastructure, commercial, high-rise, and hospitality with a focus on Saudi Arabia. Skilled in project planning, cost control, site management, and team leadership. Proficient in project management software and data analysis, with a strong emphasis on safety, quality, and on-time delivery. Known for effective communication and a proven ability to lead teams and deliver high-quality results. I specialize in project planning, cost analysis, team leadership, and end-to-end site management, ensuring strict adherence to safety protocols and quality standards

Core Strengths & Enabling Skills




Project Management	Presentation Skills	Project Control
Construction Management	Quality System	MS Office Proficiency
Analysis and decision-making	Construction Technology	Relationship building
Budget Management	Risk Management	Communication
Quality System	Civil Engineering	Presentation Skills
Sustainability	Estimation Accuracy	Resource allocation

Education

Bachelors of Civil Engineering. 2009 – 2013

- **Bundelkhand Institute of Engineering and Technology**
- **GPA: 71%**

Membership

-  Quality Management System ISO 9001:2015 2024-2025
-  Project Management Professional (PMP) - Project Management Institute 2020-2026
-  LEED Professional Credentials – US Green Building Council 2020-2022

Professional Experiences

Saudi Arabian Trading and Construction Company SATCO- NEOM, Saudi Arabia

March 2023 – Present

Senior Project Engineer | NEOM Residential Community 9 (10,000 people and Data Centre, 1.3 billion SAR)

Feb 2024 – Present

Client: TAMASUK

RESPONSIBILITIES

- Leading construction of PEB buildings, steel structures, infrastructure, roads, landscaping, Data Centre and utilities for NEOM Residential Community 09.
- Regularly update PMC (V3-COMPAS-BECHTEL) and client (TAMASUK-NEOM) on project progress, key milestones, challenges, and risks.
- Overseeing contractors and subcontractors, ensuring quality, safety, and adherence to project plans and local regulations.
- Managing project schedules, procurement, and resource allocation to ensure timely completion and cost-efficiency.
- Providing regular progress reports and resolve issues through proactive risk management and effective stakeholder communication.
- Led the project team, handling procurement, material delivery, and task coordination to meet project milestones and requirements.
- Ensure GRC & GRP façade designs meet architectural vision, structural needs, and material specifications.

- Confirm material strength, durability, and compliance with project standards and regulations.
- Develop and manage a logistics plan for material delivery, storage, and installation.
- Oversee contract negotiations, ensuring clear terms for materials, timelines, costs, and quality.
- Ensure correct sequencing, alignment, and safety during the installation of GRC & GRP panels.
- Collaborate with engineers to verify the façade's structural support and installation.
- Implement a quality control program and conduct site inspections to ensure compliance with design and regulatory standards.
- Identify and resolve installation issues promptly to prevent delays or additional costs.
- Provide necessary documentation (warranties, inspection reports) to the client, ensuring the façade is operational and meets performance requirements.
- Reviewing and interpreting landscaping designs and drawings and conducting site surveys to assess existing conditions.
- Ensuring the design is executed in compliance with plans, codes, and regulations.
- Reviewing utility systems, such as water, sewage, electrical, and telecommunications infrastructure.
- Planning and designing roads, drainage systems, utility networks (water, sewer, electricity, telecommunications), and other essential infrastructure.
- Ensuring that all designs comply with local building codes, environmental regulations, and sustainability practices.
- Managing the installation of infrastructure systems on-site.
- Addressing any issues that arise during the construction phase related to utilities, drainage, or other infrastructure elements.
- Managing the budget for infrastructure work, ensuring cost-effective solutions while maintaining quality.

Sr. Project Engineer- Civil | NEOM OXAGON Pioneer Man Camp (3,000 people, 350 million SAR)

April 2023 – Jan 2024

Client: NEOM

RESPONSIBILITIES

- Supervised assembly of accommodation buildings, architectural work, infrastructure, roads, landscaping, and utilities for the NEOM OXAGON Pioneer Man Camp.
- Coordinated with PMC (BECHTEL) and NEOM to ensure engineering designs were executed according to specifications, budget, and timeline.
- Led resolution of technical issues, ensuring compliance with engineering specifications, safety standards, and quality controls.
- Identifying environmental challenges and ensuring the landscape design enhances sustainability, such as using native plants or creating water-efficient irrigation systems.
- Translating landscape architectural designs into reality by ensuring the correct materials, plants, and features are selected and used.
- Installing and maintaining sustainable systems like rain gardens, drainage, and irrigation systems to manage water flow effectively.
- Managing daily site activities, including the coordination of labor and materials to ensure that work progresses according to schedule.
- Regularly inspecting the work to ensure it meets the required specifications and quality standards.
- Ensuring that the landscape elements integrate seamlessly with other site infrastructure, such as drainage systems, roads, and utilities.
- Maintained project records, tracked progress, and provided regular updates to stakeholders for transparent communication.
- Conducted site inspections and ensured safe working conditions while addressing technical discrepancies and ensuring quality.
- Led the execution of high-quality finishing works, including luxury suspended ceilings, flooring, facades, and other specialized bank fixtures.
- Earthworks for structural foundation works and underground utilities.
- Directed resolution of complex technical issues, maintaining full compliance with engineering standards, safety regulations, and quality control protocols.
- Oversaw installation and functionality of green infrastructure including rain gardens, storm water drainage, and automated irrigation systems to ensure long-term sustainability.
- Ensured optimal soil preparation and plant installation methods to promote healthy, resilient landscapes in challenging desert conditions.

Shapoorji Pallonji International, Jubail, Saudi Arabia

Sr. Construction Engineer | Sabic Jubail Mian Building and Global Data Centre (SJMB & GDC Project 1.8 billion SAR)

May 2016 – Feb 2023

Client: Sabic

SABIC Jubail Main Building & Global Data Center is a corporate complex has six components, with a total built-up area of 280,000 square meters. The offices for the executives have been divided into two separate facilities which include the main 25-storey tower building and two separate offices blocks all of which are joined via a six-story podium. The project also includes several auxiliary buildings to complete the functionality of the development, namely a parking building, an auditorium, a data center, a sports center, as well as a mosque.

RESPONSIBILITIES

- Execution and completion of unitized curtain wall external façade for G+26 Main building and G+14 Building with coordination with all relevant stakeholders (Total value 250 million SAR).
- Enforce safety procedures for handling heavy materials, working at heights, and using proper equipment.
- Perform regular safety audits to ensure adherence to safety regulations during installation.
- Coordinate with project teams (architects, engineers, MEP) to ensure smooth workflow.
- Develop and monitor a detailed installation timeline, ensuring deadlines are met.
- Track costs, monitor budgets, and manage scope changes to avoid overruns.
- Worked with the technical office team, preparing shop drawings, conducting quantity surveying, and handling material submittals, ensuring compliance with ASTM standards and the Saudi Building Code.
- Developed and executed detailed project plans, overseeing timelines, cost control, and resource management to ensure on time and within-budget delivery.
- Completion of Erection of Steel structure for G+26 Main building 15000 MT (Total value -100 million SAR).
- Developed maintenance schedules, conducted inspections, and addressed urgent issues, preventing downtime and maintaining operational efficiency.
- Managed maintenance operations for buildings, mosques, asphalt roads, landscaping, and key infrastructure systems (electrical, sewage, water, firefighting, and gas).
- Oversaw the operation, repair, and preventive maintenance of plumbing, HVAC, electrical, and other critical systems to ensure seamless functionality.
- Managed and executed the installation of aluminum column cladding, sand traps, acoustic louvers, glass railings, and other secondary steel supports.
- Executed and managed Doka X60 and X50 self-climbing formwork systems for building cores, coordinating with the steel structure team.
- Execution of different items of structural foundation such as Piling, Pile Cap and Raft with Cathodic Protection System.
- **1200 mm piles** are ideal for large-scale, high-load projects but come with higher complexity, costs, and logistical challenges and **600 mm piles** are more cost-effective for smaller to medium-scale projects but may not work well in poor soil or for higher load requirements.
- Ensured compliance with regulations, including safety standards, building codes, and environmental guidelines.
- Execution and completion of GRC & GRP external façade for G+26 Main building and other buildings for the project (Total value 45 million SAR).
- Proactively identified and resolved project risks or issues, ensuring smooth and efficient project execution.
- Likely used for larger diameter piles (like the 1200 mm and 600mm ones), especially for deep foundations

SNC Lavalin Group, Modon (Aramco), Turraif, Saudi Arabia

Senior Site Engineer | Northern Arabia UG System B Project

March 2015 – April 2016

Client: Aramco

RESPONSIBILITIES

- Supervised on-site construction activities of six buildings for the Ministry of Higher Education, collaborating, ensuring compliance with project plans, quality standards, and safety regulations.
- Coordinated with subcontractors, suppliers, and project teams to ensure smooth execution and timely

- completion of tasks.
- Monitored project progress, identified issues, and implemented solutions to maintain schedules and quality.
- Involved in the construction of 776 villas, mosques, water treatment plants, infrastructure, and landscaping in collaboration with the Saudi Housing Ministry, ensuring adherence to project specifications and timelines.
- Ensured that all construction work met strict quality control criteria, including adherence to safety regulations, building codes, and environmental guidelines.
- Managed procurement, tracked material deliveries, and coordinated approvals to ensure the timely availability of materials and efficient use of resources.
- Prepared detailed project documentation, including progress reports, material tracking, and cost estimates, to maintain transparency and support decision-making.

Saudi Kayan Petrochemical Company, Jubail, Saudi Arabia

Civil Site Engineer | EO & EG DBN Project and Furnace 10 Project

Dec 2013 – Dec 2015

Client: Sabic

RESPONSIBILITIES

- Supervised the execution of a two-story extension and annex while ensuring the building operated at full capacity.
- Managed the demolition of concrete, masonry, floor tiles, and insulation layers in preparation for the new construction.
- Executed concrete works according to approved architectural and structural plans, ensuring compliance with all specifications.
- Supervised and coordinated all site activities for the construction of 52 residential buildings, including excavation, infrastructure, landscaping, and final delivery.
- Coordinated with the City Authority to resolve official correspondence and obtain necessary approvals for construction activities.
- Conduct regular inspections of civil infrastructure, including buildings, roads, and drainage systems, to assess condition and identify maintenance needs.
- Preparing WIR for all civil activities like Excavation backfilling, FDT, Lean Concrete, Coating, DFT, Surface Preparation, Reinforce Concrete.
- Oversee the construction of civil works such as foundations, roads, drainage systems, tanks, and storage facilities.
- Ensure compliance with environmental health and safety (EHS) standards and mitigate risks related to the construction of the petrochemical plant.
- Develop maintenance schedules for civil infrastructure and assist in ensuring the plant remains operational throughout its lifespan.
- Implement measures to minimize the environmental impact of the construction and operation of the petrochemical plant.

Courses

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| • Autodesk AutoCAD. | 2007 |
| • Autodesk 3DsMAX | 2010 |
| • Cathodic Protection System in Concrete structures | 2022 |

Language

- English
- Arabic
- Hindi

Hobbies

- Capturing Moment
- Sports
- Music