

Faizan Bahadur Khan

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[LinkedIn URL](#) • NEOM, Saudi Arabia

Senior Civil Engineer

Personal Details:

DoB 27th April, 1987 • Nationality: Pakistani • Married

Highly accomplished and analytical professional with extensive experience in overseeing multimillion-dollar construction plans and delivering complex infrastructure projects from conception to completion.

Proficient in utilizing software tools and engineering principles to ensure structural integrity and safety. Profound knowledge of construction methods, materials, and techniques for cost-effective project execution. Eloquent communicator; skilled at presenting technical information and building strong professional relationships with stakeholders at all levels. Well-versed in local and international codes, regulations, and standards governing civil engineering projects. Proven innate analytical and leadership skills to ensure projects compliance with IBC, ACI, ASCE, AISC, SAES, SAEP, SABP, and SATIP.

Technical Proficiencies

Platform/Tools: AutoCAD 2014, Bluebeam, Microsoft Office Suite, ETABS, STAAD, BIM360, ACONEX

Areas of Expertise

- ◆ Construction Project Management
- ◆ Client Relationship Management
- ◆ Subcontractor & Vendor Management
- ◆ Project Management & Consulting
- ◆ On-site Engineering
- ◆ Material Procurement
- ◆ Regulatory Compliance
- ◆ Risk Assessment & Mitigation
- ◆ Permit Acquisition
- ◆ Quality Assurance
- ◆ Resource Allocation
- ◆ Inventory Control

Education

Bachelor of Civil Engineering

NED University of Engineering & Technology, Karachi, PK, 2013

GCSE O Levels

Cambridge Board, Karachi, PK

Affiliation

Certified Saudi Engineering Council Civil Engineer, (Membership# 281993)

Career Experience



AECOM, Saudi Arabia

2023 – Present

Senior Civil Engineer (Project Management Consultant-PMC)

Lead the development and maintenance of program and project schedules across all phases, including procurement, planning, design, construction, and handover. Oversee daily site works in adherence to approved shop drawings and materials as per project requirements. Enforce compliance with all AECOM internal processes and procedures.

- Fostered meaningful relationships with client (NEOM) to ensure fulfillment of program and project requirements.
- Assessed completeness, accuracy, and compliance of shop drawings, structural drawings, reports, specifications, and materials submittals submitted by contractor/subcontractor with project's scope of work and requirements.
- Attended technical meetings with contractor's sub-contractors and project management team members to identify issues and implement appropriate construction strategies.
- Delivered contracted design and construction management services to client with utmost efficiency.



WIPRO Arabia Ltd, Saudi Arabia
Lead Civil/Structural Engineer

2017 – 2022

Headed all facets of civil construction projects, including supervising design, construction, installation, scope, and resources. Prepared scope of work in compliance with project specifications and Saudi Aramco standards. Reduced construction cost through effective vendor selection, project management, and appropriate model implementation.

- Engaged as approved lead civil engineer to complete **Saudi Aramco Fadhili gas plant communication and security systems project (package 9)** in adherence to project specifications and standards.
- Executed as lead civil/structural engineer for designing and constructing civil/structural scope for **Saudi Aramco Integrated Smart City Project in Dhahran**.
- Designed and constructed civil scope for fence lighting system at Saudi Aramco Fadhili Gas Plant in Fadhili.
- Oversaw Geo-Technical investigation studies for Tetra Radio and GSM Towers, involving preparing scope of work for investigation and verifying reports until approved by CSD to ensure compliance with Saudi Aramco standards.
- Provided procurement support by preparing and submitting material requisitions, NMR-601 & 602, inspection assignment packages for inspectable items, technical bid evaluation, and material technical specifications from technical perspective.
- Performed redlining of drawings based on Field Design Change to ensure accuracy and collaborated with relevant personnel to obtain approval for revised drawings.
- Completed design and construction of Radio Equipment Building and Civil Foundations for Tetra Radio & GSM Towers, as well as Security Systems and Electrical Systems at Saudi Aramco Fadhili Gas Plant.
 - Security systems: Communication Towers, CCTV Camera Poles, MIDS, IDAS, SACS, LRDAS, and PRS.
 - Electrical Systems: Fence Lighting Poles, Transformers, Electrical Panels, UPS, Hybrid Shelters, and Solar Panels.



SOROOF INT, Saudi Arabia
Civil Site Engineer

2014 – 2016

Conducted site inspections and quality control checks to maximize productivity. Coordinated with project stakeholders, contractors, and suppliers for seamless project execution within defined budgetary and time constraints.

- Led construction of 52 Residential Villas-for Staff at King Fahad Airport, Dammam, Saudi Arabia as Project Engineer.
- Guaranteed compliance with safety regulations throughout construction and demolition processes.
- Executed demolition and re-construction of existing offices in central control room (CCR) at Saudi Aramco Ju'aymah – JNGLFD to create storage area for battery and UPS under explosion-proof environments.
- Oversaw estimation of civil scope of work for multiple projects in Saudi Arabia, including Jafurah Gas Plant, National Guard Building, Hilton Hotel, Al Tamimi Plaza, Royal Air Office, BMW Showroom, and Dammam Museum.

Major Industrial/Commercial Projects

NEOM MUSUEM & MULTI PURPOSE HALLS – (650M SAR)

Oct'23 – Present

Client: NEOM

Senior Civil Engineer (Project Management Consultant) - AECOM

- Neom Museum is a unique state of the art facility designed to launch exhibitions to display detailed designs, renders and architectural concepts of The City of the Future. Neom's Multi-Purpose Halls is a versatile auditorium designed to cater a myriad of events from corporate to entertainment.

NEOM HOSPITAL – (450M SAR)

Mar'23 – Oct'23

Client: NEOM

Senior Civil Engineer (Project Management Consultant) - AECOM

- Neom Royal Hospital is a fast-track 50 bed Ground Floor modular built using a local prefab modular system to enable a relocation of the hospital (mobile units). The total area of this project is 70,000 m² consisting of Main Hospital Building (24,000m²), the prefab accommodation for doctors, nurses and staff, prefab units for In-patient, VVIP suite and helipad for emergencies.

INTEGRATED SMART CITY SYSTEMS - Dhahran (85M USD)

Mar'21 – Aug'22

Client: Saudi Aramco

Lead Civil/Structural Engineer – Wipro Arabia Ltd

- Integrated Smart City is a brownfield development project in Dhahran, Eastern Province, Saudi Arabia. It is the first Smart City Project in Saudi Arabia and being built by Saudi Aramco. Increase operational efficiency, safety, security, sustainability, and quality of life at Saudi Aramco communities through capitalizing on use of technology, such as internet of things, analytics, and artificial intelligence.

FADHILI GAS PLANT SECURITY & COMMUNICATIONS - PACKAGE-09 (185M USD)

Jan'17 – Feb' 21

Client: Saudi Aramco

Lead Civil Engineer – Wipro Arabia Ltd

- The Fadhili Gas Plant is a greenfield development constructed 30km west of Jubail in Saudi Arabia Eastern Province. The facility is being built by Saudi Aramco. The gas plant is notable part of Saudi Arabia Proposed master gas system that has been planned to fulfill increasing energy demand by expanding kingdom sales gas capacity.

Languages

English – Fluent | Urdu – Native | Arabic - Conversational