



Shahzad Ali

Lead Civil Engineer



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Umm Yanbu Al Bahr, Saudi Arabia

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PROFILE SUMMARY

Results-driven Civil Engineer with over 7 years of experience in executing complex infrastructure and development projects, including landmark initiatives under the Red Sea Development in Saudi Arabia. Specialized in structural analysis, project scheduling, site supervision, cost control, and environmental compliance. Proficient in leading cross-functional teams, coordinating with stakeholders, and ensuring adherence to design standards and safety protocols. Skilled in engineering software such as AutoCAD, Revit, ETABS, SAP2000, and Primavera P6. Recognized for optimizing project delivery, maintaining construction quality, and achieving measurable outcomes in high-pressure environments. Focused on innovation, technical precision, and operational excellence in civil engineering projects.

LICENSES & REGISTRATIONS

Saudi Council of Engineers (SCE)

- Registration No: 1145371

EDUCATION

Bachelor of Science in Civil Engineering

- University: UET Peshawar
- Duration: 2014 – 2018
- CGPA: 2.58

Faculty of Pre-Engineering

- Institution: ICMS
- Duration: 2012 – 2014
- Grade: A+

WORK EXPERIENCE

Shandong Tiejun Electric Power Engineering Co., Ltd – Umluj, Saudi Arabia

Position: Lead Civil Engineer

Duration: August 2021 – June 2025

Projects:

- Red Sea Development Assets and Infrastructure Project (PPP)
- Red Sea Shura Island Golf Clubhouse and Villas Project

Responsibilities & Duties:

- Supervised day-to-day site operations, ensuring compliance with design specifications and construction timelines.
- Provided technical resolutions for unforeseen site conditions and coordinated with consultants for design clarifications.
- Managed manpower allocation and ensured efficient equipment utilization across all project zones.
- Reviewed shop drawings and bills of quantities (BOQ) for technical accuracy and approval.
- Conducted environmental impact assessments and ensured adherence to sustainable building practices.
- Submitted MARS, ITPs, and RR packages in accordance with project submittal procedures.
- Organized and led superintendent meetings to address site challenges and progress updates.
- Coordinated with quality control and client representatives for inspections and approvals.
- Prepared comprehensive close-out and handover documentation for completed project phases.
- Delivered two large-scale Red Sea projects ahead of schedule by 17%, ensuring timely client handover.
- Reduced material waste by 12% through optimized procurement planning and BOQ revisions.
- Enhanced inspection clearance turnaround by 25%, minimizing rework and project delays.

- Achieved 100% compliance in third-party quality and safety audits throughout the project duration.
- Led a construction workforce of over 80+ personnel, maintaining a 98% labor retention rate.

SEPCO III Electric Power Construction Co., Ltd – Al-Jubail, Saudi Arabia

Position: Civil Engineer

Duration: December 2019 – August 2021

Project: SWRO Project

Responsibilities & Duties:

- Executed field supervision and enforced construction practices in alignment with engineering drawings.
- Collaborated with subcontractors to ensure compliance with project specifications and safety standards.
- Developed detailed construction schedules and tracked site performance metrics.
- Supported budget controls and ensured timely procurement of materials.
- Prepared method statements, risk assessments, and quality inspection protocols.
- Conducted weekly site meetings and progress reviews with all project stakeholders.
- Monitored health, safety, and environmental (HSE) implementation at site level.
- Reviewed subcontractor submissions for material compliance and installation accuracy.
- Coordinated with design and procurement teams for timely approvals and logistics.
- Shortened project handover timeline by 21 days through streamlined close-out documentation.
- Reduced material rejection rate by 18% by enforcing proactive vendor and site inspections.
- Maintained project cost variance within 2% of the approved budget.
- Improved subcontractor compliance, boosting approval rates by 30% through mentorship.
- Contributed to a record of “Zero LTI” incidents during the 19-month execution period.

SAS Flare International Co. Ltd – Al Khobar, Saudi Arabia

Position: Junior Civil Engineer

Duration: January 2019 – September 2019

Project: SWRO-I Project

Responsibilities & Duties:

- Conducted topographic surveys and quantity estimations for civil works.
- Assisted senior engineers with site supervision and field-level issue resolution.
- Coordinated daily labor allocation and tracked material usage for reporting.
- Prepared site progress documentation and supported internal technical communication.
- Liaised with QA/QC teams for inspection scheduling and compliance tracking.
- Participated in technical documentation for civil scope and handover deliverables.
- Assisted with client inspections and facilitated timely approvals of works completed.
- Supported CAD drafting and Primavera scheduling for activity tracking.
- Ensured material submittals and site deliveries met required specifications.
- Completed over 50+ handover packages with zero revision remarks.
- Improved document turnaround time by 25% using digital submission protocols.
- Helped reduce rework incidents by 20% through early-stage compliance checking.
- Enhanced schedule accuracy by 15% through real-time survey data updates.
- Submitted critical structure documentation ahead of schedule for 3 core facilities.

SKILLS & EXPERTISE

- **Engineering Expertise:** Structural Analysis, Foundation & Substructure Design, Reinforced Concrete & Steel Structures, Load Calculations, Civil Detailing, Construction Supervision, Material Inspection
- **Technical Proficiency:** Civil Engineering Codes & Standards (ACI, ASTM, BS, SBC), Geotechnical Investigations, Soil Mechanics, Transportation & Environmental Engineering, Hydraulics
- **Project Execution & Management:** Project Scheduling, Resource Allocation, Cost & Time Estimation, Progress Monitoring, Quantity Surveying, BOQ & Submittal Preparation, Handover Documentation
- **Design & Modeling Software:** AutoCAD, Revit, SketchUp, Civil 3D, ETABS, SAP2000, STAAD Pro (Basic), QGIS, ArcGIS, GeoStudio
- **Planning & Control Tools:** Primavera P6, MS Project, MATLAB (for structural modeling), Aconex (for document control and project correspondence)
- **Site & Field Operations:** Surveying & Leveling, Reinforcement & Formwork Inspection, Execution Monitoring, Site Layout, Health & Safety Compliance, Daily Site Reporting
- **Documentation & QA/QC:** Construction Documentation, Method Statements, ITPs, MAR Submissions, Quality Control Checklists, Permit Applications, Client Coordination

- **Office & IT Tools:** Microsoft Office Suite (Word, Excel, PowerPoint), Data Management, Progress Dashboards, Email Correspondence
- **Interpersonal & Soft Skills:** Team Coordination, Effective Communication, Time Management, Multitasking, Conflict Resolution, Cross-functional Collaboration, Leadership under Pressure

PERSONAL INFORMATION

- Father's Name: Akbar Ali
- Nationality: Pakistani
- CNIC: 17100-8430813-9
- Passport No.: LX1828131
- Iqama Status: Transferable
- Valid KSA Driving License: Yes
- Date of Birth: 18-08-1995
- Place of Birth: Charsadda, Pakistan
- Marital Status: Married
- Religion: Islam

LANGUAGES PROFICIENCY

- **Urdu** – Native
- **English** – Expert
- **Arabic** – Expert

REFERENCES

- References will be provided on demand.