

ZUBAIR ASHRAF CIVIL ENGINEER

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Summary

A dynamic and results-driven Civil Engineer with **8+ years of experience** managing residential, commercial, healthcare, and infrastructure projects in Saudi Arabia and Pakistan. Successfully led and delivered **15+ high-profile projects**, consistently meeting deadlines, optimizing costs, and exceeding client expectations. Expert in **structural, reinforced concrete, steel, and finishing works**, site supervision, MEP coordination, and quality control, ensuring compliance with **code and safety standards**. Known for strong **problem-solving, leadership, and communication skills**, with the ability to thrive in diverse, multi-cultural environments. Fluent in **English, Arabic, Urdu, and Punjabi**.

Core Competencies

- Project Management & Site Supervision
- Structural Engineering (Reinforced Concrete & Steel Structures)
- Healthcare & Infrastructure Projects
- MEP Coordination (HVAC, Plumbing, Electrical, Fuel Systems)
- Quality Assurance & Quality Control (QA/QC)
- Saudi Building Code (SBC) Compliance
- Construction Scheduling (Primavera P6 & MS Project)
- Bar Bending Schedule (BBS) & Quantity Verification
- Municipal Approvals & Technical Documentation
- Health, Safety & Environmental (HSE) Compliance

Professional Experience

Civil Engineer – Ministry of Health – Medical Waste & Isolation Rooms

SAMEAM Company Ltd, Jazan, Saudi Arabia | 22 April 2024 – Present

- Constructed medical waste storage and management units, optimizing safety and operational efficiency for hazardous materials.
- Led renovation and reconstruction of isolation rooms, upgrading structural, mechanical, and electrical systems to meet modern healthcare and infection control standards.
- Supervised installation of ventilation, negative pressure, plumbing, and HVAC systems for patient safety.
- Managed demolition, civil, and structural modifications while minimizing disruption to hospital operations.
- Implemented strict safety and quality control protocols for hazardous material handling and infection control.
- Coordinated with hospital administration, contractors, and multidisciplinary teams to optimize workflow and ensure timely project delivery.
- Planned and executed temporary facility arrangements to maintain hospital functionality during construction.
- Reviewed material specifications for compliance with health and safety standards.
- Optimized construction sequencing, reducing delays and improving efficiency across multiple hospital sites.

Resident Engineer - Civil Engineer – SASCO Gas Stations

SAMEAM Company Ltd, Jazan, Saudi Arabia | 19 November 2022 – 21 April 2024

- Managed SASCO gas station construction from mobilization to final handover, including excavation, foundations, steel structure erection, masonry, utilities, and finishing works.
- Supervised rehabilitation and structural modifications of existing SASCO stations, including concrete and steel upgrades.
- Coordinated with MEP, fuel system, and architectural teams for seamless integration of electrical, plumbing, and fuel systems.
- Conducted site inspections, prepared progress reports, and ensured timely rectification of defects.
- Ensured compliance with quality standards and safety regulations.
- Acted as liaison between SASCO, consultants, and contractors to resolve technical issues.
- Monitored material usage and site resources, reducing wastage and controlling project costs.
- Led contractor meetings to align project timelines and resolve coordination challenges.

Civil Engineer – Residential Villas

SAMEAM Company Ltd, Jazan, Saudi Arabia | 15 February 2022 – 18 November 2022

- Supervised villa construction from excavation to final handover, including foundations, reinforced concrete, masonry, waterproofing, and finishing works.
- Oversaw architectural finishes including plastering, tiling, painting, ceilings, doors, windows, and façade detailing.

- Coordinated MEP integration and monitored site progress, quality, and safety standards.
 - Acted as liaison between clients, contractors, and consultants to resolve technical issues and ensure smooth project delivery.
 - Implemented structural inspections during key phases to ensure adherence to design specifications.
 - Optimized construction schedules to reduce delays and improve project delivery time.
 - Reviewed finishing materials and workmanship to maintain high-quality standards.
 - Ensured compliance with Saudi Building Code (SBC) and local regulations throughout all structural and finishing phases.
 - Performed on-site troubleshooting for construction challenges, including foundation adjustments and masonry alignment, ensuring quality and timely project completion.
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Civil Engineer – Consulting Office

SAMEAM Engineering Consultants, Jazan, Saudi Arabia | 15 February 2021 – 14 February 2022

- Prepared and reviewed civil and structural drawings, coordinated with architectural and MEP teams for licensing and approvals.
 - Conducted site inspections, verified progress, and monitored compliance with code and safety standards.
 - Assisted in project planning, material verification, and contractor coordination to ensure timely and quality execution.
 - Reviewed and coordinated design changes to reduce conflicts during construction.
 - Managed documentation for municipal approvals, ensuring timely permits and compliance.
 - Provided technical guidance to junior engineers and site staff to improve workflow efficiency.
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Site Engineer – Kortobah School Project

SAMCON Associates Pvt. Ltd, Riyadh, Saudi Arabia | 13 January 2020 – 14 February 2021

- Supervised construction, including piling, backfilling, and post-tension slabs, ensuring structural integrity and safety.
 - Oversaw site activities to maintain compliance with project specifications and drawings.
 - Conducted inspection of completed works prior to consultant acceptance.
 - Managed reinforcement, formwork, and concrete works, ensuring proper material handling and equipment availability.
 - Monitored concrete quality (delivery time, revolutions, temperature, slump) and took cylinder samples for each batch.
 - Checked and updated approved plans against shop drawings, ensuring compliance with specifications.
 - Coordinated with contractors to ensure all required testing and quality checks were performed.
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Site Engineer – KAP 01 Project, Site 271

SAMCON Associates Pvt. Ltd, Bisha, Saudi Arabia | 19 November 2019 – 12 January 2020

- Supported multi-phase infrastructure development with complex civil and structural requirements.
 - Prepared and managed Bar Bending Schedules (BBS) and material requirements, minimizing delays and optimizing usage.
 - Coordinated with the main contractor and consultant, ensuring seamless execution across project stages.
 - Monitored reinforced concrete frameworks, foundation layouts, and steel reinforcement installation.
 - Enforced quality control, safety standards, and regulatory compliance.
 - Conducted site audits to ensure adherence to design and structural specifications.
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Site Engineer – Nestlé Waters Islamabad

SAMCON Associates Pvt. Ltd, Islamabad, Pakistan | 28 March 2019 – 11 November 2019

- Led renovation of Microbiological and Chemical Labs, improving operational efficiency and compliance with updated standards.
 - Directed kitchen renovation, completing ahead of schedule while ensuring compliance with safety and hygiene regulations.
 - Oversaw installation of UPVC panels for doors and windows to improve energy efficiency and structural integrity.
 - Supervised installation of PPRP and UPVC piping systems, upgrading plumbing infrastructure and reducing maintenance costs.
 - Coordinated repair and maintenance tasks, ensuring minimal disruption and improving overall facility functionality.
 - Verified materials and workmanship for compliance with technical specifications.
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Site Engineer – Nestlé Waters Karachi

SAMCON Associates Pvt. Ltd, Karachi, Pakistan | 01 July 2018 – 31 December 2018

- Constructed a bomb-proof guard room, ensuring compliance with security and structural standards.
- Oversaw demolition of production equipment, optimizing workflow and available floor space.
- Supervised R.C.C. floor construction for durability and safety in heavy-duty areas.
- Prepared daily progress reports, tracked materials, and coordinated with subcontractors for steel fixing, formwork, and other critical tasks.
- Implemented site safety audits and enforced occupational health protocols.

Education

NED University of Engineering & Technology, Karachi, Pakistan	01 January 2024 – 07 November 2025
PGD Construction Management CGPA 3.69	Post Graduate Diploma
University of South Asia, Lahore, Pakistan	15 July 2013 – 30 June 2017
BSc Civil Engineering CGPA 3.56	Bachelors
BISE Bahawalpur, Pakistan	05 August 2010 – 23 September 2013
Pre-Engineering	HSSC

Professional Membership

Civil# 53415	Since 17 July 2019
Pakistan Engineering Council	
SCE# 891019	Since 10 August 2022
Saudi Council of Engineers	

Software

ETABS & SAFE | SAP 2000 | AUTO CAD | PRIMAVERA P6 | Microsoft Office | Microsoft Project

Languages

Punjabi, Urdu, English, Arabic