

**ZEESHAN NAEEM** (Head of Structural department)

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 Nationality: Pakistani  
 Marital Status: Married  
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**EDUCATION:****M. S. (Structures), 2007**

NED University of Engineering &amp; Technology, Karachi

**B. E. (Civil), 2002**

NED University of Engineering &amp; Technology, Karachi

**EXPERIENCE:****Career statement:**

"Apart from contributing to the processes and strategies, which enhance the project, I feel that my greatest strengths are firstly my ability to deliver the project on timescale. Secondly my skill at gaining a clear understanding of the clients exact needs and thirdly being able to coordinate and lead all team resources whilst at the same time building a strong working relationship with fellow colleagues and thereby getting them to improve their performances.

**Assignment:**

An enthusiastic and highly motivated individual who has a clear understanding of the role and responsibilities associated with being a Principle Structural Engineer. The work based on concept with architects, MEP and Client requirements with a scheme to final design of structural elements and incorporating most of the building materials. Experience to use of standards of engineering applications, and developed programs according to the requirements, including ETABS (Window based Ver 18), SAFE (Window based Ver 12 & 16), SAP, PCACOL and MICROFEAP etc. I have an expertise of Structural designing of Hospitals, high-rise buildings (residential and commercial), Schools, factories, workshops, car-park buildings, villas etc. understanding of various codes such as ACI, ASCE and UBC-97 and BS. Responsible to ensure the effective operation of the Quality Management System and Quality Standards, Site inspections for all sites, resolving the issues affecting the structural elements.

**Project Planning, Monitoring, Implementation, coordination, and execution of Building at the site, frequent visit of project, attending technical meeting/ progress meetings, resolving RFI's, etc. Preparation and verification of bill of quantities for all civil work (if required) and coordination of Architectural and Engineering Drawings, site meetings, client discussion, etc.**

**PROFESSIONAL EXPERIENCE:**

September 2012 to Date	Aref Sadeq Design Consultants, <b>Bahrain</b> -Senior Structure Engr.
May 2008 to August 2012	Arkitekniike International, <b>Dubai, UAE</b> - Senior Structure Engineer
DEC. 2004 to April 2008	SMK ASSOCIATES – <b>Pakistan</b> - Design Engineer
FEB. 2003 to November 2004	Consult-Tech International – <b>Pakistan</b> - Design Engineer

## AREF SADEQ DESIGN CONSULTANTS, BAHRAIN

Working as Senior Structural Design Engineer in “Aref sadeq Design Consulting Firm”, in Kingdom of Bahrain, Works on Multistoried buildings, showrooms, workshops, warehouses, Industries and Bungalows in both Concrete and Steel etc.

### GENERAL JOB RESPONSIBILITIES:

- Analysis and Designing of various structural design functions on assigned projects, coordinating structural work with other design disciplines involved in project, performing dynamic/seismic analysis/wind analysis on structures, Steel frame structures and warehouses, working on a different projects simultaneously. Doing fully correspondence with site Quarries and RFI's, resolving site issues,
- Some of my projects are

Project Name	Client	Project description	Structural Design
<b>American Mission Hospital (under construction)</b>	AMH	Basement Ground plus 5 Storey building with huge basement car park	The code of ACI and ASCE has-been adopted, The buildings has designed as per standard.
<b>Bahrain Bay (ONYX TOWERS) (2 high-rise residential towers) (Under Construction)</b>	Kooheji Contractors	Basement Ground plus 46 Storey towers	The code of ACI and ASCE has-been adopted, PT slab system and has been designed for gravity, wind, Earthquake and dynamic analysis with Pile Foundations.
<b>Bahrain Bay (GOLDEN GATE TOWERS) (2 high-rise residential towers) (Under Construction)</b>	GRANTA Group, Golden Gate	3 Basement Ground plus 52 Storey towers	The code of ACI and ASCE has-been adopted, The buildings has flat slab system and has been designed for gravity, wind, Eq and dynamic analysis with Pile
<b>Fontana Infinity Towers in Juffair (2 high-rise residential towers) (completed)</b>	Kooheji Contractors	Ground plus 47 Storey towers	The code of ACI and ASCE has-been adopted, The buildings has flat slab system and has been designed for gravity, wind, Earthquake and dynamic analysis with Pile Foundations.
<b>Tatweer Security building and Canteen building (under construction)</b>	Tatweer Petroleum	Ground plus two(security) Ground plus four(canteen)	Flat slab design with Raised flooring system along with isolated and raft foundations
<b>Villa's / Amlak Buildings / Labor accommodations (Completed)</b>	Different clients	Ground plus one, two, three or four stories	Flat slab framing system having gravity analysis with isolated and combine footings
<b>Hamad Town Pharmacy offices and warehouse(under construction)</b>	Hamad Town	Ground plus 5 storey warehouse building	Post tension slab with Pile foundations at Dilmonia area

<b>Fontana Suits III, Residential towers Juffair (Completed)</b>	Al Kahooji Contractors	Ground plus 32 storey building	ACI and UBC-97 adopted, The buildings has PT slab system and designed for gravity, wind, Eq and dynamic analysis with piles
<b>Al Salam Hospital in Sanad Area (constructed)</b>	Al Salam Hospital	Basements, ground plus 10 storey building	Flat slab framing system having gravity, wind and earthquake analysis with raft
<b>Burn Ward (Hospital)(Completed)</b>	Military Hospital	Ground plus two storey Unit	Flat slab framing system having gravity analysis with isolated and strip footings
<b>Wael Pharmacy Office and parking building (completed)</b>	Wael Pharmacy	Ground plus 4 storey	Flat/PT slab system having gravity, wind analysis with pile
<b>Residential Seef Avenue (Completed)</b>	Al Kahooji Contractors	Ground plus 30 storey building	ACI and UBC-97 has adopted, PT slab system and designed for gravity, wind, Earthquake and dynamic analysis with piles foundations.
<b>GOYS (AL Dair Club and Hamad town club) (Constructed)</b>	GOYS	Ground plus 2 storey building	The structure consisting of swimming pool and gym and other playing stuff, structure has been designed for PCS and PT slab with isolated Footing
<b>Proposed Apartments Building REEF ISLAND (completed)</b>	ALMOYYAD	Ground mezz plus 8 storey	The code of ACI and UBC-97, The buildings has flat slab system and has been designed for gravity, wind, Earthquake and dynamic
<b>AL YAL Complex or CATAMARAN TOWERS project (completed)</b>	AL Yal Real Estate	Two towers Ground plus 29 and 33 storey buildings	Post tension slabs with Concrete core and RCC columns, designed based on ACI and ASCE-07 for wind and earthquake and for dynamic analysis.
<b>School at Dyar Al Muharraq Canadian School (under construction)</b>	Al Kahooji Contractors	Ground plus four storey Phase 1 completed Phase 2 under construction and multipurpose hall	The code of ACI and UBC-97 has-been adopted, The buildings has designed as per standard
<b>Providence Tower (Completed) Suha plaza 4 (completed )</b>	ASDC	Tower has ground plus 30 storey building	Post tension slabs with Concrete core and RCC columns, designed based on ACI and ASCE-07 for wind and earthquake and for dynamic analysis.
<b>Awali Area Office building/Villas/mosque</b>	Royal court	G+1,G+2,G+3 Villas, 4 storey office buldg.	Combination of load bearing PCS, frame with flat slab with isolated footing
<b>Proposed Apartments Building R.E.G Towers in Hidd (Constructed)</b>	Rashid al Ghatem	Ground plus 12 storey buildings - two towers	The code of ACI and UBC-97 has-been adopted, The buildings has flat slab system and

			has been designed for gravity, wind, Earthquake and dynamic analysis with Pile Foundations.
<b>Proposed Apartments Building at Amwaj (Constructed)</b>	Shaikh Hamad	Ground mezz plus 10 storey	The code of ACI and UBC-97 has been adopted, flat slab system and has been designed for gravity, wind, Earthquake and dynamic analysis with Pile Foundations.
<b>GFH at Bahrain Financial Harbor (Six residential buildings,) (Completed)</b>	GFH	Double basement, lower ground, ground first till 7th storey building with pent house	The code of ACI and UBC-97 has been adopted PT slab system and has been designed for gravity, wind, Earthquake and dynamic analysis with Pile Foundations.
<b>Proposed Commercial and residential building at HIDD(Constructed)</b>	CINCO	G+10 Storey building	ACI and UBC-97 has been adopted, The buildings has flat slab system and has been designed for gravity, wind, Earthquake and dynamic analysis with piles Foundations.
<b>Talent international school (under construction)</b>	Talent Properties	Ground plus 4 storey	The building has been designed with latest Codes and practice
<b>Bahrain Pharmaceutical warehouse at BIIP (Completed)</b>	Bahrain Pharma	Ground plus two storey building	The structure has been design as Flat slab in consideration of Pharma loadings and Pile foundation has been adopted as per BS Code
<b>Residential towers Amwaj ARIVA (Completed)</b>	Al Kahooji Contractors	Basement, ground plus 22 storey building	Flat slab framing system having gravity, EQ, wind analysis with pile
<b>Safra Clinics (hospital)</b>	Ministry of Interior	Ground plus 3 storey	The code of ACI and ASCE has been adopted, The buildings designed as a flat slab system and has been designed for gravity, wind, with Pile Foundations.
<b>AMH Hospital Staff Accommodation (Constructed) Ghudaibiya</b>	AMH Hospital	Ground plus 4 storey building	The code of ACI and ASCE has been adopted, The buildings has flat slab system and designed for gravity, wind with Pile Foundations.
<b>LEXUS Showroom (under construction)</b>	EKK KANOO	Showroom and workshop	Pre-engineered structure with isolated footings, BS code has adopted.

<b>Motor city Ma'meer Extension of building</b>	E K K Kanoo	Warehouse and workshop	Pre-engineered structure with isolated footings, BS code has adopted.
<b>Residential Building At Salmabad</b>	Al Hoty	Ground plus 17 storey	The code of ACI and ASCE has-been adopted, The buildings has flat slab system designed for gravity, wind, EQ and dynamic analysis with Piles.
<b>BIW labor staff accommodations Phase 3 (13 buildgs) Phase 4 (5 buildgs) Phase 5 (shops)</b>	BIW	Ground plus 6 storey buildings	The code of ACI and ASCE has-been adopted, The buildings has PC slab and designed for gravity, and wind with Pile Foundations.
<b>Toyota Showrooms (Arad &amp; Sitra) and Lexus Showroom (Completed)</b>	E K Kanoo	Workshops	The code of BS 8110 has been adopted, The buildings has Steel Deck system & Steel & concrete framing system and has been designed for gravity and wind analysis.

Irrespective of all above mentioned project, there are so many projects which have small works and some ongoing projects, revision of old projects, site visits and resolving site quarries, etc.

## **ARKITEKNIK INTERNATIONAL, DUBAI UAE**

Worked as Structural Design Engineer in "Arkiteknik International Consulting Firm", in UAE , Worked on Multistoried high-rise buildings, Factories, workshops, Industries and Bungalows both in Concrete and Steel etc.

### GENERAL JOB RESPONSIBILITIES:

- Preparing detailed structural design packages, analyzing, performing structural design functions on assigned projects, coordinating structural work with other design disciplines involved in project, performing dynamic/seismic analysis on structures, working on a different projects simultaneously. **Doing fully correspondence with site Quarries and RFI's, resolving site issues**, having knowledge for Quantities calculations.
- Some of my projects are

<b>Project Name</b>	<b>Client</b>	<b>Project description</b>	<b>Structural Design</b>
<b>Badrah Waterfront Dubai</b>	M/S Nakheel	Badrah Development project involving buildings, Villa's, Studio Apartments, Community center, Health club, Mosques and Swimming Pools	ACI 318-99 and UBC - 97 has been adopted, flat slab system and Villa's has HCS framing system and has been designed for both EQ and dynamic
<b><u>AL-Tayer Motors Sharjah</u></b>	Al-Tayer motors	The building has basement, ground + mezz. Structure. It is basically workshop building	The building has Space frame roof structure, some part has truss,portal frame and some part has HCS framing supported on beams & columns.

<b><u>Jumeirah Village -3 Dubai</u></b>	M/S Nakheel.	The building has Basement, Ground plus 21 storey commercial developments	The building has flat slab & Hollow core framing system and the foundation has piles system with SAFE.
<b><u>Al Tayer Workshop, Al Musaffah, Abu Dhabi U.A.E</u></b>	Al Tayer Motors	The building has ground, mezzanine plus two storey building,(workshop)	The building has Hollow Core and Precast T sections framing supported on cast in situ beams and columns
<b><u>Commercial and Residential Building, Al Nahda First</u></b>	Dr Khalifa Muhammad Suleman,	building has a basement, ground, 22 storey building	The post tension slab, and piles foundation
<b><u>Al Muraqqabat, Hotel Building, Dubai</u></b>	Al Shaikha Alia	The building has a basement, ground, mezzanine and seven storey hotel building	The post tension slab has been adopted for the analysis and designing and Piles foundation.
<b><u>Karama 3, Residential Building Dubai</u></b>	Dubai Municipality	The building has ground, mezzanine and two storey building	The flat slab framing system has been adopted and raft foundation.
<b><u>Personal Status Court, Dubai</u></b>	Dubai Municipality	The building has two basements, ground and four storey building	The post tension slab framing system adopted with raft foundn.
<b><u>Central market Cinema Designing Steel frame</u></b>	Gulf news	Steel frame system seating arrangement	Steel structure for seating.
<b><u>Shaikh MANA Villa</u></b>	private	Flat slab framing system	Design as gravity and wind analysis with pile foundations
<b><u>SkyDive Margham</u></b>	Govt. Of Dubai	PT slab system with Steel framing with RCC wind tunnel towers B+G+5 storey & G+4 storey Restaurant buldg.	Design as gravity, Earth quake and wind analysis with raft foundations using ACI and UBC-97 Code.

## **SMK ASSOCIATES (Pakistan)**

Worked as Senior Structural Design Engineer in “**SMK Associates Engineering and Consulting Firm**”, I was the Management committee member as ISO Coordinator of my company. **Working on Bill of Quantities and Checking of running Bills, site visits, and resolving the issues on site.** Involved in the design and construction supervision of various projects, including Bahria complex, Mall 99, Karachi sports complex, Lakson Tobacco Company Karachi factory, Agility Logistic warehouse, Ghafooria Industries for Gull Ahmed Textile Mill etc in accordance with US building codes/standards (ACI 318-95, ACI 318-02, ACI 318-99, UBC 1997, IBC 2003, AISC, ASCE/SEI 7-02) with working stress and LRFD design methodologies.

Some of my projects are:

Project Name	Client	Project Description	Structural design
Cornich Tower	Private Client	It has 32 storey Residential building	Beam slab framing system and Piles Foundation adopted

Pakistan Atomic Energy Commission Islamabad	Govt. Project	It has community in which Schools, Hostels, Guest Houses, Mosque, Laboratory etc. buildings	Different framing systems have been adopted as per requirement.
Karachi Sports Complex, Karachi	Govt. Project	The building has 4 Basements, Ground + 20 storey commercial Building	In this building portion, a transfer floor is used at ground floor level I am doing ETABS analysis, it is Raft Foundation structure
Indus Rice Mill	Private	structure serve as a warehouse	Beam slab structure with Isolated footings.
Getz pharmaceutical company, karachi	Private	Office and warehouse, ground + 4 storey.	Having beam slab structure with raft foundation.
<u>Agility logistic warehouse</u>	Agility	Ware house	Steel structure designed
<u>Fauji fertilizer pvt. Ltd. Mir pur mathelo (10 Acre)</u>	Govt. Project	Management Club Staff (Load Bearing), Swimming Pool, Exam Hall, Multi-purpose Hall with Sport Complex, mosque	Most of them are load bearing structures and some are concrete, I did all with BOQ's.
Commercial Complex Multistoried Building Mall 99 Lahore	Private	The Building has three basements, Ground plus 17 <sup>th</sup> storey served as commercial complex	Designing of beam slab framing system with raft foundation, BOQ's as well
Epstein Redevelopment (Phinalphadiphia USA)	USA	The Building has one basement, first plus 6 <sup>th</sup> storey served as office building.	Designing of Flat slab with EQ and Wind analysis and raft foundation.
Crane mill (steel structure) (PHINALPHADIPHIA USA).	USA	Ground plus two storey wooden building	Design first floor slab which is composite deck slab and catered all wooden two stories loads and foundations
Anis Chohan Plaza Rawalpindi	Private	The Building has one basement, ground plus 4 <sup>th</sup> storey served as office building	Flat slab framing system with raft foundation adopted.

### VETTING PROJECTS:

- CENTARUS ISLAMABAD( with Chinese consultants)
- GRAND HYATT DEVELOPMENT (Islamabad)

- **ROSE CENTER** (Lahore)
- **SILVER OAK APPARTMENTS**(Islamabad)
- **SHOWROOM AND OFFICE BUILDING:**
- **KHUDADAD HEIGHTS**(Islamabad)

## **CONSULT-TECH INTERNATIONAL.(PAKISTAN)**

Worked as a Structural Design Engineer in "CONSULT-TECH INTERNATIONAL"

Project Name	Client	Project Description	Structural Design
Office Building For Quetta	Municipality Corporation Baluchistan	8-storey Office Building	The building has a basement for car parking. Large spans. The building is located in high seismic zone.
Ibrahim Trade Tower	Private	Gound+8 stories building	Beam Slab framing system with raft fdn.
Double T sheds	Hino PAK Motors	Shed for Motors	Precast Double T framing system.
Bahria Complex III	Private	Ground + 18 storey commercial bulg.	Flat slab framing system with raft foundation. Complete Designing till Construction Drawings
City Apiit Karachi	private	The Building has double basements, Ground plus 11 <sup>th</sup> storey served as office buldg.	Flat slab framing system with raft foundation, Complete Designing till construction Drawings

### **COMPUTER SKILLS:**

MS Office (Word, Excel, Power point)

ETABS (window based, ver 19),

SAFE (window based ver 12.2.0),

Microfeap, PCACOL, Prokon, MIDAS Set, SAP2000, STAAD PRO, ORION, AutoCAD, Microsoft Project

FORTRAN Language

Self-developed excel computer programs according to the requirements.

### **MEMBERSHIP OF PROFESSIONAL SOCIETIES:**

Pakistan Engineering Council (PEC). #23262

Society of Engineers (UAE) # 21705

Society of Engineers (Bahrain)

American Concrete Institute (ACI) # 1326942

### **ENGINEERING LICENSE:**

**UAE structural Designing License G+4**

**Reference number: TAR000010235**

**Bahrain Civil engineer Category "A" (COEPP)**

### **CERTIFICATION:**

AUTODESK CERTIFICATION FOR AUTOCAD

ISO-9001-2000 (INTERNAL QUALITY AUDITING)

### **DRIVING LICENSE:**

Valid Bahraini driving license until 2024.