



BILAL ALI
CIVIL STRUCTURAL ENGINEER

Al-Falah Road, Near Medina Zayed, Abu Dhabi, UAE

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OBJECTIVE

Seeking a long term career with a leading organization to enhance my skills and experience in the field of **Structural Design, Analysis, Estimation**. Moreover willing to work in a reputed construction industry. I am in the search of an admirable opportunity where I could polish myself and move ahead with respect to my capacities and capabilities. Working with your organization will allow me to capitalize on the organizational experience and be a valued team member.

PROFILE

- Core area of work – Structural Design, Analysis, Estimation.
- Above 5 year of increasing responsible experience in Structural designing i.e. Residential and Multi Story Buildings.
- **Registered Civil Engineer** from the Abu Dhabi Municipality Specialized in Civil.
- Engineering Management and Cost Estimation of Multi Story Building and Vast understanding of BOQ.
- Having strong grip on ETABS & SAFE design software's.
- Strong Analytical & Communication skills.

Notice Period required to join

One Month Notice



WORK HISTORY

Alaali Engineering Consultant – Abu Dhabi, UAE.

FROM November 2015 – Present

Working as Senior Civil Structural Engineer

- ❖ Performing structural analysis and design of Commercial Buildings & Compound.
- ❖ Compile Structural drawings & design calculation report for submission to municipality for the design approvals.
- ❖ Identify & analyze design changes & modify design drawings and documents accordingly.
- ❖ Evaluate and resolve any discrepancies and problems arising during construction which affect the quality of works performed.
- ❖ Attend and contribute to site and technical meetings as necessary.

- ❖ Visit various projects for site inspection for steel before final approval from ADM Inspector.
- ❖ Oversaw the work of Construction and execution according to the plans and meeting deadlines set for completion of work.
- ❖ Designing of different types of Foundation and Slab systems, Frames and Shear Walls & performs dynamic analysis.
- ❖ Meetings to be done with Municipality Engineer regarding any comments related to Structural Modification.
- ❖ Checking and performing structural analysis and design of buildings using much software such as: ETABS, SAFE and STAAD PRO.

Amin Tariq Associates (Pvt.) Ltd. – Lahore, Pakistan.

FROM August 2013 – September 2015

Working as Structural Design Engineer/Site in charge engineer.

- ❖ Worked as a Structural Design Engineer in Amin Tariq Associates.
- ❖ To prepare Material Take-off and Bill of Quantities of structures.
- ❖ Submitting drawings & design packages.
- ❖ Preparation of "Specification and Standards".
- ❖ Preparation of Design Tools for Wind & Seismic Load Calculation.
- ❖ Liaison with drafting team for the preparation of Detail Engineering Drawings
- ❖ Preparing Bar Bending Schedules and Steel Reinforcement of RCC Work for sub-structure and super structure and calculate the quantities of material required for execution.



Al-bayrak & Saad-ullah and Khan Brother's (PVT) LTD

FROM June 2012-September 2012

Internee/Assistant Resident Engineer

- ❖ Internship as a Trainee Engineer on Rapid Bus Transit System in joint venture of Al-bayrak & Saad-ullah and Khan Brother's Company Pvt Limited Lahore.
- ❖ During internship I supervise formation of cages, their boring, lowering and concreting of piles.

ACADEMIC DISTINCTIONS

- **B.E Civil Engineer (THE UNIVERSITY OF LAHORE)**
- **FSC Pre-Engineering(BISE LAHORE)**
- **MATRICULATION (Central Model High School, Lahore)**



2009-2013

2007-2009

2005-2007

SKILLS

- **Computer Skills:** ETABS, SAFE, AutoCAD, MS Office and STAAD PRO.
- **Languages:** Fluent in English & Urdu.
- **Writing skills:** Excellent writing skills.
- **Driving License:** UAE

PERSONAL INFORMATION

- Nationality : Pakistani.
- Father's name : Muhammad Javed
- Date of Birth : 22-February-1991
- Marital Status : Single
- Current Address : Al-Falah Road, Near Medina Zayed, Abu Dhabi, UAE
- Interests : Structural Designs, Literature, Cricket

PROFESSIONAL SKILLS

- Analytical skills, Risk Assessment, Team & Time Management, Presentation Skills, Leadership Abilities.
- Registered Engineer in Pakistan Engineering Council.
- Registered Engineer in Abu Dhabi Municipality having Registration ID 2500
- Member of Society of Engineer's (UAE)
- Leader of the B.sc final year project

REFERENCE : Promptly furnished as per requirement.

LIST OF PROJECTS:

1-Commercial Building (G+6) at Al-Shahama

The structural design system consists of flat slab with periphery beams. The building consist of G+6 (7Story) for Commercial & residential use. Pilling (pile cap + tie beam) is used for foundation design. Structure was designed in accordance with IBC-06 provision for seismic and ASCE-07 for wind actions.

2-Rashid Mansoor Compound at Dhafra Region sector Baynoonah

The structural design system consists of flat slab with periphery beams. The wind analysis is done with accordance to ASCE-07 code requirements; the load is applied in the structural model using ETABS 2016. Strip footing is used for foundation design.

3-On Site Concrete Batching Plant at Precast Yard of Expo 2020

The foundation of precast batching plant is designed as Mat-Foundation using SAFE 12.2 software. The modulus of subgrade is considered while designing the foundation.

4-Commercial Building (G+6) Shamkha South

Analysis, design & preparation of subsequent design of 6 story building with under ground water tank in Shamkha South. The structural design system consists of flat slab with periphery beams. The building consist of G+6 (6Story) for Commercial & residential use. Pilling (pile cap + tie beam) is used for foundation design. Structure was designed in accordance with IBC-06 provision for seismic and ASCE-07 for wind actions.

5-Design of Private Residential Villa (G+1) at Shakhboot City

The structural design system consists of flat slab with periphery beams. SAFE analysis is done for the analysis of slab as concerned with respect to Long term deflection for slab and punching shear of column. Pilling (pile cap + tie beam) is used for foundation design.

6-Saadiyaat Beach Villa's Abu Dhabi, UAE

Modification of existing villa is done by provided steel (column & beam) to support the existing slab as followed by dismantling of existing concrete column. The British Sections is used for steel designing.

7-Extension of Buccomac Factory

The foundation of Curing Rack area and steel tank is done by using pilling (Pile cap+tie beams) in order to transfer the load from services.

8-Sheraton Hotel Islamabad, Pakistan

The main structural design system consists of dual beam column moment resisting frame. Etabs 9.7.2 software is used for the analysis of structure. In order to counter lateral force induced due to Earthquake & wind action core shear walls provide to counter seismic forces. Raft foundation with piling is used for the foundation design.