ENGR. Mohammad Arshad M. Tech (Structural)
Civil Site Engineer
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TRANSFERABLE IQAMA

PROFILE SUMMARY

A highly motivated and skilled Civil Engineer with a Master's Degree (MTech) in Structural Engineering and a Bachelor's Degree (B.E) in Civil Engineering. Equipped with hands-on experience in Site engineering and a robust understanding of construction methodologies, structural analysis, and project management. Seeking a challenging role to contribute expertise in Civil engineering and enhance project efficiency.

SKILLS

IT SKILLS

- Auto Cad 2D & 3D
- E Tabs
- SAFE
- Revit
- MS Office 365
- EXCEL

ENGINEERING

- Seismic analysis
- Designing of structural elements
- Load Calculations
- Detailing Design Element
- Advanced mathematics

SOFT SKILLS

- Pleasant Personality
- Energetic in extended working hours
- Communication
- Time management
- Outstanding multi-tasking abilities
- Ethical approach
- Thinking out of the box
- Athlete & Sportsman

EXPERIENCES

- **Dinesh Hangal Associates, Architects and Interior designers**

Site Engineer
From: 01/06/2022 to 31/10/2024
Handled a Luxurious Residential Villa (G+1) – Estimated Cost: ₹200 Crores
Responsibilities:

- **Site Supervision:** Managed day-to-day construction site operations, ensuring adherence to project specifications, safety protocols, and regulatory requirements.
- **Stakeholder Coordination:** Acted as a liaison between project managers, architects, engineers, and contractors to facilitate seamless project execution.
- **Quality Assurance:** Regularly inspected materials, construction methods, and progress to ensure compliance with quality standards.
- **Project Tracking:** Monitored project timelines and progress, implemented schedule adjustments, and resolved on-site challenges to meet deadlines.
- **Documentation Management:** Maintained accurate and comprehensive records of site activities, including daily logs, material usage, and safety reports.
- **Technical Problem-Solving:** Identified and addressed on-site technical and logistical issues promptly and efficiently.
- **Regulatory Compliance:** Ensured all construction activities complied with local and international building codes, environmental standards, and health & safety regulations.
  Team Leadership: Supervised and motivated site engineers, workers, and subcontractors to maximise productivity and achieve project milestones effectively

ACADEMIC CREDENTIALS

- **Master of Technology (M-TECH)**

Structural Engineering First class with CGPA – 7.56
January 2022 to November 2023
From KLE Technological University Hubballi (BVB)Karnataka INDIA

- **Bachelors of Engineering (B.E)**

Civil Engineering First class with CGPA – 7.8
September 2018 to August 2021
Visvesvaraya Technological University, Belgaum- Karnataka INDIA

- **DIPLOMA IN CIVIL ENGINEERING**

First Class with 60.51%
November 2015 to May 2018
Department of Technical Education Bengaluru- Karnataka INDIA (D.T.E)

Internship

- **Galagali Associates. Hubli.**
  - I have completed 45 days of internship at Galagali Associates.
  - A G+3 and G+5 Building was planned in Auto-CADD and designed and analyzed in STADD pro.
  - All the structural elements were designed and reinforcement details were given.
  - Also, the earthquake designs were done for the building.
- **World Square**
  - 1 week of Internship was completed at World square.
  - Site visits were made during this phase of internship.
  - The main objective of these site visits was to get basic ideas of structural elements and to get the information of particular site for ex on which soil is the building is constructed, what are the bar sizes etc.
- **NDT Research Centre**
  - A week of internship was done at NDT Research Centre.
  - Where we had given basic ideas of destructive testing and non-destructive testing.
  - Also, for experimental purpose certain tests such as rebound hammer test was done on concrete cubes

Shear Wall Designing Project

Location Optimization of Shear Wall-Induced Seismic Performance in Multistorey Building across Different Seismic Zones**.**

- A G+15 multi-storied building was designed and analyzed.
- Earthquake design was also by referring code IS 1893 Part-1 2016 by different seismic method such as Equivalent Static Method and Time history analysis.
- The model was analyzed and seismic design were done in E-tabs software.
- The data considered for time history analysis were the data from recent earthquake in TURKIYE – 2023

Model Presentation of Ready-Mix Concrete

- In this, it was a group project where we created a model of how ready-mix concrete gets prepared and explained the steps of it

Alternative Materials

Replacement of coarse aggregate by coconut shells

- The main objective was to find alternative of coarse aggregates.
- Concrete cubes were created according to mix design.
- Two types of concrete cubes were made, one was of cement, coarse aggregate and fine aggregates and another cube was of cement, fine aggregate, coarse aggregate and coconut shells. A certain quantity of coarse aggregates was reduced and were replaced by coconut shells and tested and then results were compared.

CERTIFICATES:

- **ETABS and SAFE Complete Building Design Course**

Acquired skills in structural analysis and design using ETABS and SAFE software, with a focus on real-world building projects and code compliance.

PERSONAL PROFILE

Date of birth	:	24TH June, 1999
Marital status	:	Single
Gender	:	Male
Nationality	:	Indian
Languages	:	English, Hindi, Urdu, Kannada
Passport	:	W8895555 Issued on 26/12/2022 Expire on 25/12/2032
Resident Address	:	C-51 Shantiniketan Hubli-580025 INDIA