

Mohammed Raihan A N

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STRUCTURAL DESIGN ENGINEER | CIVIL ENGINEER

OBJECTIVE

Seeking challenging assignments with a reputed organization to utilize acquired skills in accomplishing organizational growth objectives

PROFESSIONAL VALUE OFFERED

- Proven ability in reading blueprints, performing inspections, and preparing structural designs for commercial buildings encompassing schools, hostels, and midrise residential buildings
- Design of oil and gas design on wide range of projects.
- Design of RCC structures, foundation, staircase, retaining wall and steel structure, connection design and detailed fabrication drawings.
- Proficient in ETABS, SAFE, AUTOCAD, and STAAD PRO, RCDC, RISA. Undergone internships as a part of the academic curriculum
- Possess exceptional communication skills and an analytical mindset to cater to project and operational exigencies

KEY COMPETENCIES

*Structural Designing
Section & elevation
Structural Analysis/Inspection*

*Project Management
Seismic Analysis
Structural Drafting*

*Wind Designing
Oil and gas
Team Coordination*

PROFESSIONAL EXPERIENCE

UNIQUE CIVIL,

July 2022 – Present

Structural Engineer Apprenticeship.

- Acquired knowledge of various aspects related to structural engineering and day-to-day functioning of the associated departments.
- By virtue of staadpro and staad rcdc software for analysis and design of buildings such as modelling of frame structure, analysis of structure and design of structural elements such as beams, column, slab, shear wall. After structural analysis then it is exported to the staad rcdc software to detail.
- Through medium of etaabs and safe software analysis and design of buildings such as modelling of frame structure, analysis of structure and design of structural elements such as beams, column, shear wall. After structural analysis then it is exported to the SAFE software to design of footing and slab.
- Attained the knowledge of manual design of structural elements such as beam, column, slab and footings through Microsoft excel.
- During this training period designed residential, commercial projects with help of staadpro software and combined, isolated and pile footings in staad foundation. In etaabs highrise structural analysis was done, flat slab and raft foundation design was carried out in safe software.
- Understanding of various codal provision which are essential for building design.

DESIGN DIMENSIONS, Bangalore, India

Feb 2021 – Aug 2021

Structural Engineer Internship

- Assisted the senior team members in preparing structural designs based on the project specifications and other related factors
- Utilized manual and digital methods in conducting engineering calculations related to weight, load, and other related aspects
- Worked on various projects related to structural designing as a part of the academic (M Tech) curriculum

AARSHIRAJ CONSTRUCTION AND BUILDERS, Shivamogga, India

Sep 2020 – Feb 2021

Structural Engineering Internship

- Gained knowledge of various aspects of structural engineering and assisted the senior team members in various official assignments
- Prepared and maintained updated work records; rendered technical documents for planning and resolving concerns of ongoing projects
- Assessed material strengths by testing the soil. Prepared graphic representation of civil structural designs based on project requirements

TRAINING AND CERTIFICATIONS

- Structural Analysis and Design using Etabs (CIVILERA) Apr 2022
- NPTEL course of project planning and control conducted by IIT madras Nov 2020

ACADEMIC CREDENTIALS

- M Tech – Computer Aided Design of Structures, Malnad College of Engineering May 2022
- B Tech – Civil Engineering, Jawaharlal Nehru National College of Engineering Aug 2019

PERSONAL INFORMATION

Languages: English, Hindi, and Kannada

Date of Birth: 25 – Jun – 1997