

CURRICULUM VITAE



MOHAMED ANAS (M.Tech)
CIVIL/ STRUCTURAL ENGINEER

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Career Objective

I am an individual with a desire to obtain a challenging position with a growing company that will provide an opportunity to utilize my knowledge in continuing my personal and professional growth, where my positive attitude, integrity, and strong desire to succeed will contribute to the company's success.

Working Experience & Responsibilities

Worked as Junior Structural Engineer in Y.B.A. Engineering, and Construction Contractors in Chennai, India. (May 2019 to June 2021).

- ❖ General and Technical Site supervision of Civil works at power sub-stations, including foundations, trenches, control building and associated works.
- ❖ Preparation of Preliminary and Post Estimation, Supplier Quotations, Design review, Post Contract works, Construction Execution, B.O.Q and Knowledge on Repair Techniques.
- ❖ Preparation of Basic design to development of detailed engineering drawings of hot/cold rolled steel structures from design sketches, engineering calculation, specification sheets.
- ❖ Have knowledge on design of Steel Frame Tank Design, Steel Canopy, Transformer building and foundation using finite element analysis.
- ❖ Work closely with the steel detailing team in custom layouts, fabrication, and erection drawings for various steel detailing projects.
- ❖ Work on engineering designs preparing reports, construction drawings, specifications, calculations, equipment selection for various project.
- ❖ Site inspection/ audit of engineering works (e.g., reinforced concrete, earthworks, drainage).
- ❖ Ensure Quality Assurance / Quality Control procedures are followed during project planning.
- ❖ Perform 3D Modelling and detailing in AutoCAD or REVIT for Steel structures based on structural/Architectural drawings, and sketches to detailed engineering drawings like columns.
- ❖ Prepare Steel Detail Drawings for foundation, column, plinth beam, lintel beam, roof, slab.
- ❖ Involved in Modelling and Analysis of RCC Residential Buildings in ETABS.
- ❖ Preparation of calculation for RCC, PTC, STEEL, and façade design.
- ❖ Have worked in design of Industrial Steel Warehouse using SAP2000, and STAAD Pro.
- ❖ Design of foundations and footings using STAAD foundation and SAFE structural analysis software.
- ❖ Create accurate construction BIM models using Autodesk Revit.
- ❖ Produce organized structural drawings sets for various construction stage and participate in discipline reviews.
- ❖ Coordinate with site teams and clients on execution of requirements.
- ❖ Monitor progress of civil contractors as per the schedule agreed.
- ❖ Management of civil engineering interface with multiple stakeholders and contractor.

Academic Qualification

- ❖ Master of Technology (MTech) in Structural Engineering. S.R.M University, Chennai (2019-2021).
- ❖ Bachelor of Civil Engineering (B.E), Anna University, Chennai (2015-2019).

Training and Seminars

- ❖ Participated on Short Term Training Program on “**Advanced Concepts in material and Structural engineering**” organized by University Malaysia Sarawak (UNIMAS) and SRM University.
- ❖ Participated on Short Term Training Program on “**Steel-Concrete Composite Structures**” (STTP SCCS 2020) organized SRM University.
- ❖ Participated on Technical Webinar on “**Durability Enhancement Techniques for Reinforced Cement Concrete**” organized by Ultratech Cement and SRM University.
- ❖ Participated on Technical Webinar on “**Simplified Methods in Practice for Checking Structural Design with Case Studies**” organized by Ultratech Cement and SRM University.
- ❖ Participated on “**Quantity Surveying**” workshop organized by Sathak College of Engineering.

Design Skills

- ❖ AutoCAD 2D & 3D, Rhinoceros,
- ❖ ETABS, SAFE and STAAD Foundation,
- ❖ STAAD Pro, ROBOT, SAP2000- FEA Analysis,
- ❖ Idea Statica, Hilti Profis, Fischer Fixperience – Connection Design,
- ❖ REVIT-BIM,
- ❖ 3ds Max,
- ❖ V-Ray,
- ❖ MS- Office.

Personal Details

- ❖ **Father's Name** : Akbar Badsha. R
- ❖ **Date of Birth** : 10th December 1996
- ❖ **Nationality** : Indian
- ❖ **Religion** : Muslim
- ❖ **Marital Status** : Single
- ❖ **Passport No** : N0638992
- ❖ **Visa Status** : Visit
- ❖ **Language Known** : English, Tamil, Hindi

Declaration

I do at this moment declare that the above information is true to the best of my knowledge.

Place: U.A. E

Date:

A. Mohamed Anas

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