

RESUME

Amar Subhash Maradkar
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Synopsis :

- I am a STRUCTURAL ENGINEER having 3 years of experience in Industrial Projects and Design of RCC structure, Steel structure, Seismic i.e. dynamic analysis.
- FEM of footing elements in RCC structure by plate element modeling in STAAD Pro.

About Myself:

- Hard Working and Consistent
- Self-Confidence in All Activities
- Good Communication Skills

Skill Set :

- Seismic Analysis & Design of Steel & Concrete Structures by Dynamic analysis
- FEM Analysis of Footing using Plate Element Modeling in STADD Pro.
- Good hands on Limit State Connection, Base Plate Design & Foundation Design
- Good hands on Developing Excel Spreadsheet
- Good Hands on Limit State Design i.e.SLS ,ULS & Foundation Design
- Oil and Gas Process Piperack structures
- Good hands on AISC 360-16 & ASCE 7-05
- Good hands on IS 456-2000 & IS 800-2007
- Analysis & DESIGN OF industrial shed & STEEL platform by Dynamic analysis
- HIGH RISE Building by IS 456-2000

Education Details :

Degree	Institute	University	Year of Passing	Marks (%)
B.E.(CIVIL)	Deogiri Institute of Engineering & Management Studies, Aurangabad	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	2018	64.00
H.S.C.	Shivaji Jr college, Latur	Latur Board	2014	55.23
S.S.C.	Shri Lal Bahadur Shastri School, Latur	Latur Board	2012	62.00

Project Experience:

1. **TEJAS CONSTRUCTION AND INFRASTRUCTURE PVT LTD., PUNE** **From 5th Nov 2018 To 30th Mar 2020**
A. **TWENTY ONE SUGAR PVT LTD., LATUR**
B. **ARDHAPUR WATER SUPPLY SCHEME, ARDHAPUR.**

Scope of work: Site Engineer

1. Understanding the site drawings
2. Constructing the site section based on respective drawings.
3. Inspect project sites to monitor progress and ensure design specifications as well as safety.
4. Guide managerial and industrial personnel by providing technical advice regarding design, construction, structural repairs.
5. Determined project feasibility by estimating the quantities and cost of labor, equipment, and materials.

Scope of work : Structural Engineer

Analysis and Design of –

1. Non-Plant RCC Building
2. High Rise RCC Irregular & Non-orthogonal Building
3. Industrial STEEL Platform
4. Industrial Shed structure with Crane & Gantry Girder
5. Oil and Gas Process Piperack structure by ASCE 7-05 & AISE 360-16

Software Skill :

1. STAAD Pro. (Bentley System Certified Course)
2. AutoCAD
3. M.S. OFFICE

Design codes and Standard Workout upon:

Good hands on following Design Codes-

1. AISC 360-16 – Specification of Structural Steel Building
2. ASCE 7-05 – Minimum Design Loads for Buildings and Other Structure
3. PIP-STC01015 – Structural Design Criteria
4. IS 456: 2000 – Plain & Reinforced Concrete
5. IS 800: 2007 – General Construction in Steel
6. IS 875: 1987 Part1 – Design Loads for Dead Load
7. IS 875: 1987 Part2 – Design Loads for Imposed Load
8. IS 875: 2015 Part3 – Design Load for Wind Load
9. IS 1893: 2016 Part 1 – Design Load for Earthquake (General Building)
10. IS 1893:2015 Part 4 – Design Load for Earthquake (Industrial Building)
11. IS 13920: 2016 – Ductile Detailing of RCC Structures

PROJECT UNDERTAKING:

B.E. Dissertation Title: Optimization of Steel reinforcement in RCC G+1 Building by using Odd Dia. Of Bars instead of even Dia. Of Bars.

Personal Details:

Address	Shahupuri Colony, Old Ausa Road, Latur
Mobile No.	+91-8698955756
E-mail ID	amaradkar86@gmail.com
Date of Birth	10 th Sept 1996
Nationality	Indian
Languages known	English, Marathi and Hindi

I hereby declare that the details furnished above are true and correct to the best of my knowledge, I am aware that I may be held liable for it.

Place :

Date :

Signature
(Amar s. Maradkar)