



OM NAIK

Civil Engineering Student

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About Me:

"I am an energetic and ambitious person who is developing strong and responsible approach to put maximum efforts to complete the task or activities that I undertake, or I have been assigned. And looking forward to build my carrier in an Infrastructure Discipline."

Internships & Project Experience

Thinktech Engineers Pune

(from Aug' 21 to Dec' 21)

Designation: Civil3D CAD Intern

Roles and Responsibilities

- Preparation of Existing Terrain Model from Survey Data.
- Responsible for preparation of Alignments, Sections & Profiles.
- Preparation of Pipe Network Model for Water Supply, Sewer and Storm water. Runoff Calculations and Hydraulic sizing for pipes.
- Preparation plan and Profile Drawings of Utilities such as Water, Storm Water & Sewer.
- Cut-Fill Volume, Grading and Contour Maps with Elevation Banding

Key Project:

- **Industrial Oil & Gas Facility in Texas.**

Canibuild, Australia.

(from June' 21 to Dec' 21)

Designation: Intern AutoCAD

Roles and Responsibilities

- Responsile for developing 2D Drawings for smooth workflow and better understandings of client.
- Detail drawings of Houses, Granny flats, Pools & Spas.
- Uplods of different varieties of drawings as per requirements of clients on Canibuild Software.
- Project report, Drawings Communication and Cordination between Cleints & Subordinates.

Key Projects:

- Drafting typical drawings of Concrete Pools_Leisure Pools.
- Detailed design of Narellan Pools, Miami, Fibre, Imagine, Prestige, USA & Canada Pools.
- Uploads of detailed drawings of Australasian, VAL, Cavalier and Montgomery Homes on Software.

KMITL, Thailand.

(from March' 21 to April 21)

Designation: Researcher

Roles and Responsibilities

- Study of different research papers daily for literature review of the project work.
- Data collection, Data Analysis and Use of Gant Charts for Workflow.
- Preparation of weekly presentation and reports of available research materials.
- Resource Planning and co-ordination with Team Members.
- Project Scope, Methodology Implementation and Team Development.

Key Projects:

- Researched about Pollution Eating and Self-Cleaning Concrete.

EDUCATION:

Persuing Bachelors Degree in Civil Engineering at JSPM's Rajarshi Shahu College of Engineering, Pune.

Secured:

- 87.38% in TE (SEM Exam)
- 67.70% in HSC Exam
- 90.80% in SSC Exam

TOOLS KNOWN:

- AutoCAD
- AutoCAD Civil 3D
- Infraworks 360
- Sketchup Pro
- Sketchup V-Ray
- Twinmotion
- Lumion
- Navisworks
- MS Office
- Google Canva
- Context Capture
- QGIS (Novoice)
- Java (Novoice)

CODES & STANDARDS:

- CPHEEO
- IS 800: 2007 (Steel Design)
- IS 456: 2000
- (RCC Design)
- IS.5525.1969
- (Str. Drawings)

CORE SKILLS:

- Storm Water Drainage
- Site Grading
- Cut & Fill Volume Analysis
- Land Development
- 3D Modelling of Utilities
- Clash Detection
- Steel Design
- Structural Design (RCC)
- Resource Planning
- Excel Designs

LANGUAGES KNOWN:

- English
- Marathi
- Hindi

HOBBIES:

- Sketching
- Painting
- Volleyball

DEMOGRAPHIC DETAILS:

- Profession : Student
- Birth Date : 16th Aug 2000
- Nationality : Indian
- Passport No : U3620503

- The scope of this research is in sustainable development.
- Significance of photocatalytic concrete in sustainable construction.
- Experimental study, Reference materials, case studies, Published Research paper, etc.

MB Associates (Subconsultant)

(from Dec' 19 to Dec' 21)

Designation: Intern

Roles and Responsibilities

- Providing 2D, 3D and Detail structural Drawings to contractors for smooth conduction of workflow.
- Co-ordination between different contractors and agencies to maintain the project speed at the construction site.
- Co-ordination between team members, contractors & labours.
- Preparation of 3D models and 3D Renderings using Dynamic Softwares like Lumion, Twinmotion, V-Ray, etc..
- Preparation of Project Proposals, Structural design using Excel Sheets & reports.

Key Projects:

- Commercial and Residential buildings in Buldhana, India.
 - CAD Drawings using IS standards.
 - 3D Rendering, Elevation and Detail Planning of Residency.
 - Detail design using Excel Sheets.
- 50+ single story houses as well as 30+ double story has been delivered and still building the clients dream.

Other Projects & Seminar:

- Project on concept of 'World 2050' (A Smart city and Infrastructure Development Project).
- Working on 12 sustainable United Nations Goal on behalf of my college under Shaashwat Club.
- Currently working on ASCE's UESI Surveying Competition (An International Competition).

Memberships:

- Vice-President of ASCE (American Society of Civil Engineers) Student Chapter.
- Student Coordinator of IGS (Indian Geotechnical Society) Student Chapter.

Extra-curricular Activities:

- Training and Placement Cell Co-Ordinator
- Student Coordinator of UBA (Unnat Bharat Abhiyan) and CESA (Civil Engineering Students Association)
- Program Director of Shaashwat Club (Social working club)
- Worked as College Magazine Co-Editor.
- Learning Java & Python Programming as well.

Achievement:

One of my Project got a 1st Prize in Poster Presentation and Model Making on concept of "World 2050" Project.

Certification

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

Place: Pune

Date: 21/03/2022