



CAREER OBJECTIVE

To work with maximum potential in a challenging and dynamic environment, with an opportunity of working with diverse group of people and enhancing my Technical designing skills, management skills and professional skills with learning and experience for career growth. Ability to work as individual as well as in group.



PROFESSIONAL SOFTWARE & TECHNICAL SKILLS

- 1. **TEKLA** V2017 or V17i, V20.01, V21.1, V19.0, V2020, V2021.
  - Structural modelling, Detailing & other operations
- 2. **AUTO CAD** 2007 TO 2010
  - 2D & 3D Drafting
  - WINDOWS 7 & WINDOWS 10



PROFESSIONAL EXPERIENCE

- 1. **ORGANISATION** : NEILSOFT INDIA PVT. LTD
- 2. **COMPANY PROFILE** : Designer Engineering
- 3. **DURATION** : January 2022 To Present
- 4. **DESIGNATION** : Engineer (Modeller)
- 5. **WORK EXPERIENCE** : Tekla V20.01, V21.1, V2017, V17i, 2019, 2018, 2020, 2021

COMPANY PROJECTS :

- 1. **PROJECT NAME** : Wildflower studios (DPHV)
  - **LOCATION** : Laval(Quebec)
  - **NATURE OF PROJECT** : Studios Stair
- 2. **PROJECT NAME** : Verbio-Veolia
  - **LOCATION** : USA
  - **NATURE OF PROJECT** : Station Building
- 3. **PROJECT NAME** : Skidmore College building (DPHV)
  - **LOCATION** : USA
  - **NATURE OF PROJECT** : College Building
- 4. **PROJECT NAME** : Believe hospital building (Walter Group)
  - **LOCATION** : Canada
  - **NATURE OF PROJECT** : Hospital Building

- 1. **ORGANISATION** : CAD TECH ENGINEERING, Pune.
- 2. **COMPANY PROFILE** : Detailing, Modelling, Drafting, Designing & Structural Analysis by using X-steel, SDS
- 3. **DURATION** : June 2019 To December 2021
- 4. **DESIGNATION** : Sr. Modeller & Sr. Detailer
- 5. **WORK EXPERIENCE** : Tekla V20.01, V21.1, V2017 or V17i, V2020

COMPANY PROJECTS :

- 1. **PROJECT NAME** : Vistron Urea Revamp
  - **LOCATION** : Lima, Ohio, USA
  - **NATURE OF PROJECT** : Granulation Building
- 2. **PROJECT NAME** : University of Louisville Belknap Campus.
  - **LOCATION** : Louisville, Kentucky USA
  - **NATURE OF PROJECT** : Residential Hall

3. **PROJECT NAME** : The Ohio State University Facilities Operation & Development
- **LOCATION** : Columbus, Ohio, USA
  - **NATURE OF PROJECT** : Commercial Building
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1. **ORGANISATION** : STEELIX CORPORATION, MOSHI.
2. **COMPANY PROFILE** : Detailing, Modelling, Drafting by using X-steel, AutoCAD
3. **DURATION** : August 2017 To May 2019
4. **DESIGNATION** : Jr. Modeller & Jr. Detailer
5. **WORK EXPERIENCE** : Tekla V20.01, V21.1, V2017

#### COMPANY PROJECTS :

1. **PROJECT NAME** : South 7<sup>th</sup> Village
- **LOCATION** : Southern ave Phonix
  - **NATURE OF PROJECT** : Residential Building modelling
2. **PROJECT NAME** : Smud E Substation
- **LOCATION** : 20<sup>th</sup> street Sacramento, CA
  - **NATURE OF PROJECT** : Commercial Building Modelling
3. **PROJECT NAME** : Cloverleaf Chesapeake
- **LOCATION** : U.S.A.
  - **NATURE OF PROJECT** : Industrial modelling
4. **PROJECT NAME** : Fairless hills facility
- **LOCATION** : 445 south street, Morris town
  - **NATURE OF PROJECT** : Industrial modelling
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1. **ORGANISATION** : CAD TECH ENGINEERING, Pune.
2. **COMPANY PROFILE** : Detailing, Modelling, Drafting by using X-steel
3. **DURATION** : November 2016 To August 2017
4. **DESIGNATION** : Jr. Modeller & Jr. Detailer
5. **WORK EXPERIENCE** : Auto CAD, Tekla V20.01, V21.1

#### COMPANY PROJECTS :

1. **PROJECT NAME** : Bellefonte Pumping Upgrade
- **LOCATION** : Bellefonte, Pennsylvania 16823
  - **NATURE OF PROJECT** : Commercial modelling
2. **PROJECT NAME** : Public Safety Hospital Building
- **LOCATION** : USA
  - **NATURE OF PROJECT** : Commercial Hospital Building

#### JOB PROFILE AND RESPONSIBILITY

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- Preparation of Tekla structural model for Industrial, Commercials, Residential X-steel Structures.
- Rising RFI on design drawing & update as per client requirement.
- Tekla modelling & reviewing of clashes with other disciplines.
- Applying connection details from x-steel library and creation of user Connections. (According to project's requirement. If not available from library)
- Preparation & checking of GA and fabrication drawings.
- Creation of templates (clients Title block, Shop drawing BOM table, Erecting, Fabrication Notes and Logo for X-Steel Drawings) as per client's requirements.
- Customization of report, template files as per requirements. (Production planning, Site requirement).
- Study of input drawings and rising technical queries regarding missed information to client.
- Allotment of work to team members.

- Rising queries to shop and clarifying the doubt to workshop & site.
- Maintaining drawing status reports for client's drawing, GA & Fabrication drawing.
- Leading and coordinating with team in modelling and extraction of drawings.
- Estimation and preparation of schedule for the allotted work
- Study of basic design drawings, connection designs and inputs from Customers.
- Modelling of concrete element such as pedestal, slabs, heavy duty light duty slab & paving elements.
- Modelling of octagonal tank foundation, anchor bolt, curb wall, sump and pit in concrete property.
- Create insert plate (IP or Embedded) connection in concrete element.
- All over excavation modelling with respect to unit. Modelling of foundation pipe rack & cable tray supports.
- Create equipment supports clip connection.
- Applying welded gusset plate connection and bracing connection as design drawing.
- Modelling of equipment supports platform, circular platform, spiral stairs, ladder, cable tray, handrail, Canopy and there connections.
- Worked on Weld map projects.
- Create welded gusset connection, welded moment connection, handrail & stair on Weld map project.
- Preparation & checking of NDT drawings.
- Worked on Coal storage projects.
- Modelling of PEB structure @ PG structures & connection.

## EDUCATION

Diploma in Civil Engineering from MSBTE Mumbai University, Maharashtra

2020 :- 59%

Secondary School, State Board, Maharashtra

2011 :- 71%

## PERSONAL INFORMATION

- Date of Birth : 19<sup>th</sup> APRIL 1996
- Marital Status : Unmarried
- Languages Known : English, Marathi, Hindi,
- Address : A12,602, Megapolis, maan Hinjewadi, Pune Maharashtra.

## PROFESSIONAL FIELD OF INTREST

- STRUCTURAL STEEL DETAILING
- 3D MODELLING (TEKLA)

## DECLARATION

I hereby declare that the above written details are true to the best of my knowledge & belief.

Place : PUNE

Date :

VIPUL SURESH MENDGULE