

# IRSHADAHAMAD L TAHASILDAR

STRUCTURAL ENGINEER

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📍: Gadag, Karnataka, India.

## SUMMARY

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Young Self-Motivated graduate with a Master's Degree in Structural Engineering. Passion to become a responsible engineer and enhance my knowledge. Seeking a challenging position in the engineering field so as to utilize my skills and grow along with the organization objective.

## SOFTWARES AND SKILLS

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📁 AutoCAD

📁 E-Tabs

📁 Staad-Pro

📁 Sap 2000

📁 Civil/Structural Design Drawings

📁 Time Management

📁 Site Inspection

📁 MS office

📁 Budget Analysis

📁 Coordination with Subcontracts

## EXPERIENCE

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### 📁 Structural Design Engineer [ Feb 2024 – Present ] Harishmane Infratech Pvt Ltd, Bangalore.

Handling multiple projects at a time, preparing structural drawings and overseeing the site progress and visiting site for checking.

#### ➤ Project Mr.Abhiram (Bangalore)

- The client project is residential project with G+4 structure, with buildup area of 2,000sqft the design of this structure was carried out in E-Tabs 2022.
- The structure had many counters which required more detail orientation drawings as per the site conditions. Shear wall of 150mm thick was designed for the counterfort the level difference.

#### ➤ Project Mr.Rangaswamy (Tumkur)

- The client project is residential project with G+3 structure, modelled and analyzed in E-Tabs 2022 with buildup area of 2,500sqft.
- The building span was designed for 6.4m long with appropriate columns and beams making the structure safe.

- Project Mr.Vikram (Bangalore)
  - The client project is residential project with G+5 structure, with area of 4,000sqft the design of this structure was carried out in E-Tabs 2022.
  - With respect to Soil Investigation Report the foundation depth recommended was 4.6m deep. To ignore the buckling a tie beam was designed with respect to the plinth beam and footing with Isolated and Combined footing.
  
- Project Sports Arena (Bangalore)
  - The structure was a Truss Structure which was designed for playing area for Table Tennis enthusiastic with a 5000sqft.
  - The Analysis and Design was completed for Total Gravity load combination. The height of the structure was 6m with load bearing office cabins.

### **Structural Engineer [ June 2023 – Jan 2024 ]**

#### **PIER Constructions, Gadag.**

- Project Mr.Kademani (Gadag)
  - The client project is residential project with G+2 structure, with area of 1,200sqft the design of this structure was carried out in E-Tabs 2019.
  - Big stone was encountered while excavating the sump tank, which must be removed it took several days to remove the stone completed and then pcc for sump was continued.
  
- Project Mr.Savanur (Gadag)
  - The structure was partially completed and the interiors work needs to be carried out, client coordination for material selection. And supervising the work on site.

### **Engineer [ Dec 2022 – May 2023 ]**

#### **Engineering Vision, Australia.**

- The Structure were generally residential with G+1, the design data was shared through Revit Files.
- Designing proper timber and steel sections under loading in structural toolkit software.
- Drafting the section in AutoCAD under the gravity loading.
- Co-operated work with team from home.

## **Structural Engineer [ Nov 2021 – Nov 2022 ]** **Creative Architects, Bangalore.**

### ➤ Project Mr.Pasha(Bangalore)

- The structure was designed for G+5 story which was an irregular in shape. The ground floor was soft story which was kept for parking.
- Shear wall of 150mm was used near the pin change in site condition to resist the lateral loads and to prevent the rotation of building in case of earthquake.

### ➤ Project Mr.Ganesh(Bangalore)

- The building was designed for partially commercial and partially residential with 4,000sqft.
- The different load consideration was taken as per the IS code for both residential and commercial spaces and mass source was used in reduction of the live load.

## **EDUCATION**

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<b>M.Tech in Structural Engineering (Cgpa - 8.01)</b>	Oct 2018 – Jan 2021
The Oxford College of Engineering, VTU	Bangalore
<b>B.E in Civil Engineering (Pct. – 66.92%)</b>	Aug 2014 – July 2018
Tontadarya College of Engineering, VTU	Gadag
<b>P.U.C, Science (Pct. - 68%)</b>	July 2012 – May 2014
Government College, Gadag	Gadag
<b>S.S.L.C (Pct. – 79.04%)</b>	May 2012
C.D.O Jain English Medium School, KSEEB	Gadag

## **LANGUAGES**

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 English

 Hindi

 Kannada

## **HOBBIES**

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 Cooking

 Reading

 Sports

 Travelling