# Somaraju Andugulapati

Interior 3D Designer

**Portfolio** - Somaraju-portfolio || **Github** - github.com/Somarajuandugulapati || **LinkedIn** - linkedin.com/in/andugulapati-somaraju

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## Skills

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|---|---|---|
| **Key Skills** | - | Auto CAD, Revit, SketchUp |
| **Analysis** | - | ETABS, STAAD.Pro |
| **Tools** | - | BIM Softwares, Fusion 360 |

## Experience

### STAAD.Pro Internship || EduSkills   AICTE(Virtual Internship)                                                 *April '24 - June '24*

- During this internship, I developed a strong understanding of structural engineering tools and concepts, particularly in the context of STAAD.Pro. Key highlights include:
- Structural Analysis & Design: Gained hands-on experience in performing structural analysis and designing structural elements using STAAD.Pro, focusing on both new and existing designs.
- Report Generation: Developed proficiency in generating detailed reports that summarize analysis results, calculations, and design checks in a clear and professional format.

### 3D Printing and design Internship || SkillDzire   AICTE(Virtual Internship)                                *Jun '24 - Aug' 24*

- During this internship, I developed skills in 3D design and printing, focusing on both theoretical concepts and practical applications. Key highlights include:
- 3D Design & Modeling: Learned to design 3D models using various design software, focusing on new and innovative design techniques.
- 3D Printing Concepts: Gained an understanding of 3D printing principles, including different printing technologies, materials, and the steps involved in the 3D printing process.

## Projects

### 5 Star Hotel Design

- Successfully completed the design and planning of a luxury 5-star hotel using advanced Building Information Modeling (BIM) tools, including AutoCAD and Revit.
- Collaborated with cross-functional teams to develop detailed architectural drawings, 3D models, and visualizations, ensuring compliance with international standards and local building codes.
- Delivered high-quality, precise documentation for structural, electrical, and plumbing systems integration within the project.

### High School 3D Modeling                                                                                                        *March '24*

- Developed a detailed 3D architectural model of a high school using Revit, emphasizing spatial design and functionality.
- Created precise floor plans, elevations, and sections, ensuring alignment with educational facility standards and client requirements.
- Designed interiors and exteriors with attention to aesthetics, usability, and compliance with safety guidelines.

## Education

**B Tech ( Civil Engineering )**                                                                                                      *Dec '21 - Aug '25*
Vasireddy Venkatadri Institute of Technology|| Guntur, India - *CGPA - 7.0*

**Higher Secondary Education**                                                                                                        *July '19 -May '21*
Sri Chaitanya Junior College || Guntur, India - *CGPA - 8.4*

**Secondary Education**                                                                                                                   *April '19*
ZPH HIGH School || Chintayapalem, Bapatla, India - *CGPA - 9.3*

## Certifications

Certification in Autodesk Fusion 360 - **AUTODESK**                                                                        *Mar '22*
Certification in Autodesk Revit - **Infosys Springboard**                                                                  *July '23*
Certification in AutoCAD-Advanced - **Infosys Springboard**                                                           *Aug '24*