

# SIVA REDDY KONDAMADUGULA

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## WORK EXPERIENCE

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**TESLA, Gigafactory 1, Sparks, NV** *Design Intern, Construction* May 2020 - Aug 2020

- Responsible for starting the development of 'Revit - As Built Model' of Fremont Factory, with documentation.
- Partnered with BIM, S.M.E.P to improvise the existing Revit model, and improvising the modelling workflow and developing quality Sub-Models of Fremont Facility — covering approximately 5Mil.Sq.ft
- Used Navisworks and Point Cloud data to mitigate clashes between Architectural and Structural disciplines.
- Represented Architectural team and presented 30% 60% 90% model reviews to multi-discipline teams.
- Prepared Architectural sheet packages to submit for the city of Fremont, and worked on plan check comments.

**J.Raymond Construction Corp, Longwood, FL** *BIM Intern* March 2020 - May 2020

- Developed a LOD-300 Revit model of 53,254 Sq.ft Buc-ee's convenience stores & gas station space, St.Johns
- Set up Initial Revit model and initiated LOD-300 Revit model for Buc-ee's Travel center, Daytona Beach.

**Larsen & Toubro, Amaravati, India** *Construction Manager Intern* Aug 2018 - Dec 2018

- Performed quantity take-off, documented scope sheets and liaised with sub-contractors for the residential project with 18 towers ranging from 900 Sq. Ft to 3500 Sq. Ft flats estimated at \$370M.
- Revamped CAD plans with construction drawing details, call outs and became very proficient with digitizing.
- Attained solutions for wall-finishing quality issues, developed a 3D model to showcase the problem & solution.

**Sandarbh Design Studio, Bangalore, India** *Junior Architect* Aug 2017 - Feb 2018

- Developed parametric 3D SketchUp models, Redesigned existing 3D model, Construction Drawings for projects.
- Slashed design times 30% by standardizing design workflow process – by starting a design with the 3D model.
- Prepared work progress reports from site visits with the planning coordinator and updated the project schedule.

## ACADEMIC PROJECTS

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**Research on Advanced Structural Modelling in Revit** University of Florida, Oct 20

- Thesis and Research focusing on modelling techniques to solve complex structural design problems using Revit.
- Dynamo and Python scripts to automate modelling process with given type/instance parameters.

**VDC model of 'Newberry Elementary School', Florida** University of Florida, Oct 19

- Developed a LOD-300 BIM Model for the multi-phased 15,000 Sq.ft. Newberry Elementary School.
- Designed a Revit2020 model for Architectural, Structural, Mechanical, Electrical, and Plumbing aspects.

## TECHNICAL SKILLS

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|---------------------|---------------------|------------------|-----------------|
| • Revit 2020        | • AutoCAD 2020      | • Navisworks     | • Synchro Pro   |
| • Primavera P6      | • Microsoft Project | • Procore        | • Bluebeam Revu |
| • BIM 360           | • Recap Pro         | • SketchUp Pro   | • Lumion        |
| • Microsoft Project | • Microsoft Office  | • Adobe-PS,IL,ID |                 |

## EDUCATION

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**Rinker School of Construction Management, University of Florida, Gainesville** Aug 2019 - 21

Master of Science in Construction Management

GPA 3.91/4.0

Member of Sigma Lambda Chi, International Honor Society for CM — Honorable mention in Witters competition 2020 — Course Work: B.I.M, Comprehensive Estimating, Project management, Planning, Accounting.

**Sathyabama University, Chennai, India**

Bachelor of Architecture

May 2013 - June 2018