

LAXMI TEJA KUNAPAREDDI

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PROFILE SUMMARY

Civil engineering with experience of wastewater treatment process and detailing of Precast concrete structures. Proficient in AUTO-CAD, TEKLA, STAAD PRO and Excel. Completed Master of Civil Engineering in University of New Haven, gained advanced knowledge in Structural Concrete design, Inspection and in Civil engineering. Strong in Problem solving, Communication and leadership with a focus of efficiency and cost management. Looking for a position to apply my skills, Contribute the project to grow more in Civil Engineering.

EDUCATION

Masters in civil engineering | University of New Haven | CT, USA | **Aug 2023 – May 2025**

Key Courses - Structural Concrete Design, Bridge Inspection, Foundation Design, Construction Equipment's and Methods.

Bachelor's in civil engineering | Sri Vasavi Institute of Engineering and Technologies | India **June 2016 – Aug 2020**

Key Courses - Design Reinforcement Concrete Structures, Structural Analysis, Geo Technical Engineering, Surveying.

SKILLS

Structural design (RCC and Steel) as per ACI | Load Calculations (Live Load, Dead Load, wind load) | Foundation design (shallow & deep) | Concrete mix design and testing | Water supply and drainage system design | Project control Techniques | Quantity estimation & cost analysis | Project planning and scheduling | Problem-solving and decision-making | Team collaboration and leadership | Strong written and verbal communication skills |

SOFTWARE PROFICIENCY

AUTOCAD | STAAD PRO | REVIT | Microsoft Office | Primavera P6 | Blue Beam

EXPERIENCE

Jr. Design Engineer | SSI AERATION | INDIA **NOV 2021 - NOV 2022**

- Process design, for wastewater treatment characteristics available for municipal industrial and domestic waste water treatment, Bidding of the project and Review project Plans and doing the specification preparation for treated waste water.
- Providing the shop diagrams for the fabricators by using AUTOCAD, REVIT, Primavera and extracting the materials from drawings and the documents by MS Word Office and also estimation of the project by using the Excel.
- Multiple projects from USA and UAE handled and full hands on the Processing the project and completion of the project.

JR. CAD Engineer | MOLDTEK TECHNOLOGIES | INDIA | **JAN 2021 - NOV 2021**

- Detailing of all Precast and Steel Drawings in the project according to the metric standards. Detailing the beams columns, girders.
- Shop drawings for the fabricators by using software TEKLA and checker for the all drawings detailed structures.
- Having hands on multiple projects completions from Netherlands.

Internship | MOLDTEK TECHNOLOGIES | INDIA | **MAY - 2020**

- School Building plan by using STAAD PRO software,
- Expertise in creating the G+2 building plans with 2BHK construction with individuals floor plans,
- Created elevation plan and sectional view by creating each floor in different groups.

ACADEMIC PROJECTS

50FT - 70FT Overhead siph truss as per NYDOT, CT DOT.

Design for Two story structural Concrete Building which is located in Newhaven as per ACI standards.

Design for Deep (pile) Foundation.

Certifications

Fundamental Engineering (F.E) (In progress)

Occupational safety and health administration (OSHA-30 hours)

FHWAA-NHI-13101 - Introduction to safety Inspection on In- Service Bridges

FHWAA - NHI- 130078, 130128

American Society of Civil Engineering (ASCE)

ELIGIBILITY

Eligibility to work in the United States