

Murali Krishna Vadlamudi

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SUMMARY

Motivated and detail-oriented civil engineer offering a proven track record of success in finishing all construction projects within schedule and budget. A great leader with a highly professional attitude and strong determination to perform great work. Aspiring to pursue a graduate degree from a reputed institution.

PROFESSIONAL EXPERIENCE

Aparna Exteriors Pvt. Ltd. | Junior Engineer | Hyderabad, IN **Jul 2021 – Present**

- Working with clients, contractors, and local and external agencies on various renovation and build projects.
- Designing concrete structural elements, such as foundations, beams, and walls.
- Creating 2D drawings and designs using AutoCAD.
- Regularly checking the progress of work according to the schedule.

Vardhan Consulting Engineers | Analytics Intern | IND **Jun 2020 - Jul 2020**

- Worked on Techno and Commercial analysis of Tata Nexon EV/ MG ZS EV/ Hyundai Kona Electric Cars

ACADEMIC PROJECTS

An Experimental study on strength characteristics of supplementary cementations material-based concrete

- Processed the structural properties to calculate the strength by introducing the Rice Husk Ash(RHA) as a partial replacement of Ordinary Portland Cement (OPC) of grades M30 and M60 was replaced by the weights 0% to 25%.

Vibration characteristics of steel fiber concrete cantilever beam under dynamic loading using Ansys

- Conducted various techniques with the variation of dynamic characteristics of a steel fiber concrete cantilever beam in which steel fibers are used as a damping material.
- Estimated the natural frequency and damping ratio of concrete cantilever beams with varying steel fiber percentages and with varying depths of the beam by free vibration analysis and Harmonic analysis using ANSYS.

Cuisine Analysis & Similarity | Python

- Raw datasets on Indian foods are taken and data modeling and cleaning are done on the data and analysis is made on the cleaned data with similarities and the preferences that people of their respective states love to have made using Python libraries

Cash Flow Curves for the Six lane National Highway Project using Primavera

- Worked on software Primavera by allocating the resources to different activities, preparation of resource loaded schedules, updating the progress of work, finding critical paths, preparing cash flow curves, and allocating equipment, manpower, and materials to different activities.

EDUCATION

Andhra University | AP, India **Aug 2017 – Aug 2021**
Bachelor of Technology (B.Tech.), Civil Engineering
CGPA: 7.8

Sri Chaitanya Junior College | AP, India **Apr 2015 - May 2017**
Percentage: 87.1%

Sri Chaitanya Public School | AP, India **Apr 2017 – Apr 2015**
CGPA: 8.2

SKILLS

Languages and Tools: AutoCAD, STAAD.pro, Ansys, Primavera, SQL, Python, Tableau, Power BI, MS-Office

Analytics Skills: Project Management, Multi-Tasking, Data Visualization, and Creative Designing.

Database and Cloud Environment: Azure Data bricks, Data Factory, MySQL, AWS

LEADERSHIP

- Student Coordinator for the cultural and sports events of our university.
- Student Coordinator in Event Management for the technical fest of our university.
- Core committee member of Rotary club Guntur.
- Been a part of various events in the Ngo clubs and chapters.