

KarthEEK Annapareddy



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RESUME SUMMARY

A dedicated Mechanical Engineer with a solid foundation in engineering principles and a growing passion for web development.



PERSONAL DETAILS

Current Location	Hyderabad
Date of birth	July 25, 2003
Gender	Male



EDUCATION

Graduation	B.Tech/B.E. (Mechanical) Gudlavalleru Engineering College, Gudlavalleru, Gudlavalleru with Score 8.32%
Class XII	Andhra Pradesh with 89.8% in 2020
Class X	Andhra Pradesh with 90% in 2018



INTERNSHIPS AND PROJECTS

Internships	<p>Vidal International (Duration April 2023 - April 2023) Acquired hands-on experience in various Non-Destructive Testing (NDT) techniques and their applications in industrial settings Skills used - NDT Inspection, NDT inspection Engineer</p> <p>KaaShiv InfoTech Company (Duration May 2022 - June 2022) Gained practical exposure to AI concepts, tools, and technologies through hands-on projects and guided learning. Skills used - Artificial Intelligence, Machine Learning</p>
Projects	<p>Vibration Based Damage Detection in Structural Plates using Wavelet Transforms (Duration January 2024 - April 2024) Major engineering structures such as crane hooks, aeroplane blades, connecting rods, etc. constitute a significant portion of the national wealth. The maintenance costs of these structures is substantially high, and even a small percentage reduction in the maintenance cost amounts to significant saving. Also damage occurred during service because of the operational loading, aging, chemical attack, mechanical vibration, changing of ambient conditions and shocks. Hence, early detection of damage and its severity and location is a key point. The initial way of damage detection is to remove the structure from a service and check for its damage zones, Skills used - Ansys, Ansys Fluent, Solid Works, CATIA</p>



SKILLS AND ACHIEVEMENTS

Skills	HTML, CSS, Javascript, React.js
Language	English (Both), Hindi (Spoken)