

ROLL NUMBER: H2640004



Mr. KARRI GIRIDHAR SAI
Male

Mobile Number: 9346894348

DOB

27-Dec-2003

TECHNICAL SKILLS

- AutoCAD
- ANSYS
- CATIA
- MS Word
- Power Point

PERMANENT ADDRESS

2-31, Malliveedu,Near Ramalayam
Street, L.kota Md,Vzm Dt
City: Vizianagaram
State: Andhra Pradesh
Pincode: 535161

LANGUAGE

- English
- Hindi
- Telugu

INTERESTS

- Listening Music
- Playing Games
- cooking

SUMMARY OF QUALIFICATION

Course / Programme	Board / University Name	CGPA/ (%)	Passing Year
PGD-HSEM	NICMAR University of Construction Studies, Hyderabad,Telangana	NA	2027
B.Tech <i>Mechanical Engineering</i>	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA	67.6	2025-Mar
Intermediate <i>Science (PCM)</i>	BOARD OF INTERMEDIATE EDUCATION, ANDHRA PRADESH	91.4	2021-Mar
High School	BOARD OF SECONDARY EDUCATION, ANDHRA PRADESH	98	2019-Mar

INTERNSHIP / PROFESSIONAL TRAINING (Total Duration: 27 Weeks)

HL Mando Anand India Private Limited

06-May-2024 - 05-Jul-2024

8 Weeks

PROFILE: INTERNSHIP

- Gained practical exposure to automotive manufacturing and production processes.
- Observed machine operations and workplace procedures in an automotive manufacturing environment.

Jindal Stainless Limited

22-May-2023 - 10-Jun-2023

2 Weeks

PROFILE: INTERNSHIP

- Completed a one-month Mechanical Engineering internship at Jindal Stainless Limited (Ferro Alloys Division), Kothavalasa — gaining exposure to stainless steel and ferro alloy manufacturing processes, plant machinery, and industrial safety practices.

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING (Mechanical Fault Detection in Horizontal Centrifugal Pump via Machine Learning Algorithms)

14-Nov-2024 - 15-Mar-2025

17 Weeks

PROFILE: PROJECT

- Designed and implemented a predictive maintenance system to detect mechanical faults in horizontal centrifugal pumps using supervised machine learning algorithms.
- Applied feature extraction techniques (FFT, statistical features, time-domain analysis) to identify key indicators of pump health.
- Trained and evaluated multiple ML models (Random Forest, SVM, Neural Networks) to classify fault types such as bearing wear, impeller damage, and misalignment.
- Achieved high accuracy in early fault detection, reducing downtime and maintenance costs by enabling proactive intervention.
- Developed a scalable framework that can be integrated into industrial IoT systems for real-time monitoring and predictive maintenance.