



DOPPALAPUDI RATHAN SASTRY

B.Tech. - Mechanical Engineering

Ph: +91-6281919127

Email: rathansastry2005@gmail.com

Visakhapatnam, Andhra Pradesh, India - 530003



BRIEF SUMMARY

Proficient in CATIA for 3D modeling and mechanical design. Skilled in using ANSYS for structural and thermal simulations. Strong foundation in C programming for logic development and basic software applications. Experienced in Python for automation, data processing, and simple scripting. Good understanding of core mechanical subjects like Thermodynamics, including heat transfer, energy systems, and engine cycles.

KEY EXPERTISE

CATIA Ansys C Programming Python

EDUCATION

Andhra University College of Engineering, Visakhapatnam B.Tech. - Mechanical Engineering CGPA: 7.93 / 10	2022 - 2026
Sri Viswa Junior College, Visakhapatnam 12 th SSC Percentage: 89.30 / 100	2022
Narayan E-Techno School, Visakhapatnam 10 th CBSE Percentage: 64 / 100	2020

INTERNSHIPS

RINL Visakhapatnam Steel Plant Iron / Steel Project Trainee	09 Jun, 2025 - 05 Jul, 2025
Key Skills: Maintenance Inspection Lubrication Teamwork Milling Pumps Hydraulics Undertook industrial training in the Light & Merchant Mill (LMMM) department, gaining exposure to the rolling and finishing processes of light structural steel products. Assisted in monitoring mill operations, equipment maintenance, and process optimization. Worked with rolling stands, shears, cooling beds, and straightening machines. Participated in quality checks and learned about dimensional accuracy and surface finish standards. Adhered to safety protocols and observed real-time production workflows.	

Visakhapatnam Port trust Machinery / Equipment Manufacturing Project Trainee	06 May, 2024 - 02 Jun, 2024
Key Skills: Maintenance Manufacturing Processes Infrastructure Teamwork Completed internship in Dock & Port Workshops, Sewage Treatment Plant (STP), MCC, and Vehicles departments. Gained hands-on experience with maintenance and repair of port equipment and vehicles. Learned about sewage treatment processes and port workshop operations. Assisted in routine checks and followed safety procedures across different departments.	

ACHIEVEMENTS

- Secured Gold in Basketball at MECH'RONICLE 2025
- Secured Gold in Basketball at MECH_MANIA 2024
- Secured Gold in Basketball at MESCON 2023
- Secured silver in Table Tennis at MECH'RONICLE 2025
- Secured silver in FOOTBALL at MECH_MANIA 2024

PERSONAL INTERESTS / HOBBIES

- Watching Movies
- Playing Sports
- Playing Guitar
- Listening Music
- Reading Books

- o WhatsApp - 6281919127

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: 3/9, Au Staff Quaters ,Siripuram
,Visakhapatnam, 3/9, Au Staff Quaters ,Siripuram
,Visakhapatnam, Visakhapatnam, Andhra Pradesh, India -
530003

Email: rathansastry2005@gmail.com

Date of Birth: 13 Feb, 2005

Phone Number: +91-6281919127