



# 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**

2022 - 2026

B.Tech. - Mechanical Engineering | CGPA: 7.93 / 10

**Sri Viswa Junior College, Visakhapatnam**

2022

12<sup>th</sup> | SSC | Percentage: 89.30 / 100

**Narayan E-Techno School, Visakhapatnam**

2020

10<sup>th</sup> | CBSE | Percentage: 64 / 100

## INTERNSHIPS

**RINL Visakhapatnam Steel Plant** | Iron / Steel

09 Jun, 2025 - 05 Jul, 2025

Project Trainee

**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

06 May, 2024 - 02 Jun, 2024

Project Trainee

**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 TableTennis 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

- 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