

PRANAY TEJA KOTHAPALLI

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Objective:

Passionate mechanical engineer eager to launch a dynamic career in innovative engineering projects. Committed to applying strong problem-solving skills and technical expertise to create efficient and sustainable solutions. Striving to contribute to cutting-edge advancements while continuously learning and adapting to industry trends. Dedicated to collaborating with diverse teams to drive excellence and achieve impactful results. Ready to embark on a journey of professional growth and make a lasting impact in the world of mechanical engineering.

Educational Qualifications:

Board	Institute/College	GPA/Percentage	Year of Pass
B.Tech, Mechanical Engineering	Institute of Aeronautical Engineering	7.28	2023
Board Intermediate Education	Narayana Junior College	73.2	2019
SSC	Sri Chaitanya School	8.7	2017

Internships:

Mody Ford (Apr 2022 – June 2022)

- Communicated with customers to address complaints and taking the feedback from them
- Daily tasks about the service, automobile parts and inventory management of the station
- Expanded my knowledge about car components, structure, dynamics of automobiles, service-related issues and the overall car components
- Applied theoretical concepts from college to real-world situations, such as understanding piston operations, engine firing orders, replacements of the parts, checking the condition of the car and engine service and exhaust issues

Projects:

I. FRICTION STIR SPOT WELDING OF DISSIMILAR METALS

Roles and Responsibilities:

- I was the team leader and the design architect of this project
- We as a team have successfully completed FSSW and presented it live

Skills/Tools Used: AutoCAD, Solidworks, Fusion360, Catia V5

II. AUTOMATED EMERGENCY BRAKING SYSTEM

Roles and Responsibilities:

- It was my first project as a lead and it was quite challenging
- We as a team have successfully have designed and developed a working prototype

Skills/Tools Used: AutoCAD, Arduino UNO, Solidworks, Fusion360, Catia V5

Skills and Tools:

Skills	Tools
Material Selection and Handling	AutoCAD
Engineering Design	Solidworks
Autodesk Inventor	Fusion360
Automobile Design	CatiaV5

Certifications:

AutoCAD 2D&3D

Indian Institute of Technology, Kanpur– Mar 2023

Emerging Technologies

Bharat Heavy Electricals Limited and Indian Institute Of Technology, Roorkee- Oct 2023

Material Technology

Institution of Mechanical Engineers-Jun 2022

Industrial Application Of Finite Element Analysis

ISIEINDIA I Charging Careers-Mar 2023

Design Certifications:

Designing of Suspension System Using Lotus Shark, Solid

ISIEINDIA I Charging Careers-Nov 2022

Design, Manufacturing & Testing of Electric Solar Vehicle

ISIEINDIA I Charging Careers-Nov 2022

Transportation and Automation Design

ISIEINDIA I Charging Careers-Nov 2022

EV Certifications:**E-Mobility Roadmap Technologies, Opportunities and Challenges**

ISIEINDIA I Charging Careers-Nov 2022

Introduction to EV Control System

ISIEINDIA I Charging Careers-Nov 2022

Battery Pack Design and Simulation

ISIEINDIA I Charging Careers-Nov 2022

Activities and Achievements:

- I was a member of SAE India team from our college and have won 1st price in the next generation bicycle design held in Chennai
- Won 3rd place in the inter college innovation meet for my automated emergency braking system
- Participated in the Robotics fare in my college and have built a working prototype
- I am a member of 3D printing and designing team and have done many small projects using 3D printing and prototyping

Positions and Responsibilities:

- I was a coordinator and organiser for the Street Cause events conducted by our college, Its an NGO and has a student wing which works for the betterment of the society
- I also was a coordinator and an event photographer for the TEDxIARE event held in our college
- I also was a member in the robotics and innovation club
- I was a member of music club and a guitarist
- I was the captain of IARE Cricket team for 3 years.

Strengths:

- Smart-working.
- Self-motivated.
- Team Management.
- Flexible to Hard Situations.

Languages:

- English
- Hindi
- Telugu

Personal Information:

Name	Pranay Teja Kothapalli
Marital Status	Single
Date of Birth	13-MAY-2002
Gender	Male
Nationality	Indian
Contact Details	Kptcareer@gmail.com , +91 9059570083

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge. I take full liability for the correctness of the information.

Place: Hyderabad

Pranay Teja Kothapalli.