PRANAY TEJA KOTHAPALLI

**Linkedin:** <https://in.linkedin.com/in/pranay-teja-kothapalli-52209b285>.

**Mail:** [**kptcareer@gmail.com**](mailto:kptcareer@gmail.com)

**PhNo:** 9059570083

**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:**

1. FRICTION STIR SPOT WELDING OF DISSIMILAR METALS

Roles and Responsibilities:

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

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

1. AUTOMATED EMERGENCY BRAKING SYSTEM

Roles and Responsibilities:

1. It was my first project as a lead and it was quite challenging
2. 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.