



# C.SANDEEP

 11-4-322/20/31/A,  
Markandeya Nagar,  
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Telangana.

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## Career Objective

Seeking a position as a member of an organization that leverages my skills and talent, where I can find an ample scope to expand my knowledge and emerge as an efficient professional.



## Education & Experience

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### Trailhead Expeditioner

Sep 2020 – Till Date

(<https://trailblazer.me/id/sandeep25>)

**Transportation Analyst (TRON)**  
Amazon

December 2018 - September 2020

**Bachelor of Technology (Mechanical Engineering)**  
Sreenidhi Institute of Science and Technology

July 2017

**Intern (Central Maintenance Mechanical Department)**  
Vizag Steel Plant, Vishakapatnam

May 2016 - June 2016

**Diploma Apprentice**  
Defence Research & Development Lab

June 2012 - November 2012

**Diploma in Mechanical Engineering**  
TRR College of Technology (Polytechnic)

June 2010 - July 2013

**Secondary School Education**  
Pragathi High School

March 2010



## Projects

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### Avoc : Amazon Vision Operations Center


- **Description:** The Project is aimed to improve automated inventory management and retrieval system.
- **Role:** Worked as Transportation Analyst with Amazon for 1 year 9 months, as part of the role, overlooked effective inventory management and handling.
- Provided timely corrections to ML predictions and managed team schedules.
- Liaised with different teams, to raise disputes and to successfully close them within stipulated SLA.

### Design and Analysis of Vacuum Insulated Cryogenic Transport Vessel


Collaboration with Central Institute of Tool Design, Hyderabad.

- **Description:** The Project is aimed to study, design and analyze a large transportable vacuum insulated cryogenic transport vessel that will be attached to a truck in order to store and transport by road liquid methane which is at a cryogenic temperature.

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- Primary aim of the project is to increase the transportable quantity of methane gas by liquefying and compressing its volume. Thereby significantly increasing the transport capacity when compared to conventional tankers.
- **Role:** Worked on every part of the project from requirement gathering to designing and testing the model. PTC Creo Parametric CAD software is used to visualize the models for chosen designs. In addition, the finite element module ANSYS Workbench is used to obtain results of thermal and mechanical analyses so as to determine if the stresses are within margin.

## Coin Operated Vending Machine using IR Sensors

- **Description:** Using a set of mini servo motors, IR sensors and an Arduino board a mechanism is fabricated which detects the dropped coins to deliver a package. The whole setup consists of two servo motors, two IR sensors, a 9V battery and an Arduino board as processor.
- **Role:** Worked in modeling as part of the team.



## Skills

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- Quick learner
- Hard working
- Effective communication
- Persistent
- Detail orientated
- Team player



## Hobbies & Interests

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- Reading
- Photography
- Aquascaping