

# Abhijith Kasula

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## EDUCATION

### Master of Engineering in Mechanical Engineering

August 2021 – December 2022

University of Cincinnati, Cincinnati, Ohio

**Coursework in Fall Semester:** Micro and Nano manufacturing, Introduction to Additive Manufacturing and Occupational Safety Engineering and Introduction to Nuclear Engineering and Health Physics.

**Coursework for Spring Semester:** Quality Control, Design for Manufacturing and Assembly, Industrial Big Data and Artificial Intelligence and Effectiveness of Technical Organizations.

### Bachelor of Technology in Mechanical Engineering

August 2017 - May 2021

Presidency University, Bangalore, India

**Activities:** Member of Society of Automotive Engineers India, Participated in Design and fabrication of Range Extended Electric Vehicle (REEV) building competition in 2019.

## SKILLS AND CERTIFICATIONS

**Skills:** Python, Tableau, PowerBI, Excel, R, SQL, Web Scraping, Data Cleaning, Data Warehousing, Data Visualization, SolidWorks 2018, CATIA V5R20, Autodesk Fusion 360, AutoCAD 2018, ANSYS Workbench, ANSYS Fluent, Adobe Photoshop, Adobe Illustrator, Adobe After Effects, Blender, English, Kannada, Hindi, and Telugu.

### Certifications:

• <a href="#">Autodesk CAD/CAM for Manufacturing Specialization</a>	October 2020
• <a href="#">R Programming</a>	September 2020
• <a href="#">SQL for Data Science</a>	July 2020
• <a href="#">CAD and Digital Manufacturing Specialization</a>	July 2020
• <a href="#">Excel Skills for Business Specialization</a>	July 2020
• <a href="#">Data Science Math Skills</a>	April 2020

## WORK EXPERIENCE

### Data Analyst, Thinklusive. Inc, Monmouth Junction, New Jersey

September 2022 – Present

- Gained proficiency in writing optimized **SQL** queries for extracting the data from various data sources.
- **Mined** data from various data sources, formatted the raw data in **Excel**, analyzed data using pivot tables for insights.
- Generated dashboards using **Tableau** and **PowerBI** from the necessary data that aided in meetings.
- Merged large datasets and produced monthly and weekly reports to track progress.
- Used diverse datasets for actionable insights that aided in modeling positive future outcomes.

### Project Intern, Gas Turbine Research Establishment of India (GTRE), Bangalore, India

January 2021 - April 2021

GTRE is the R&D laboratory of the Defense Research and Development Organization (**DRDO**).

- Gained Technological knowledge of **ANSYS Workbench**, **ANSYS 2020 R1** and **Origin 2021**.
- Normalized the data before performing the necessary operations so that the data has less redundancy and is clean.
- Generated monthly and weekly reports by getting data in **CSV** format from the testing team using **Excel**.
- Built the necessary pivot tables and dashboards for the necessary meetings and discussions.

### Computer Aided Design Intern, Tech-Ed Equipment Private Limited, Bangalore, India

June 2019 – July 2019

- Provided 3D modelling and drafting support through SolidWorks 2018.
- Gained knowledge about the laboratory kits the company produces and supplies to various institutions.
- Observed the client management, worker management and supply chain management of the firm.

## LEADERSHIP EXPERIENCE

### Team Leader, Elite Techno Groups

February 2020

- Administered and managed my team as a captain.
- Supervised the various sub-teams within the team and ensured to meet the deadlines.
- Created the 3D model of the vehicle in SolidWorks 2018 and built the same model in real-time with my team support after receiving approval from the officials.