

M Chetan Reddy

PROFILE

A passionate individual who places a high value on reliability and creativity. Enthusiastic problem solver attempting to improve cognizance in developing areas. An excellent team player. Capable of managing multiple tasks. One of my key strengths is my ability to work under pressure to accomplish tight deadlines

EDUCATION

- **B.Tech Mechanical Engineering**
CGPA – 9.15 / 10 **2019-2023**
Amrita Vishwa Vidyapeetham
- **Class 12 – 83.4%** **2019**
Institution: Sri Aadarsh junior college
- **Class 10 – 87%** **2017**
Institution: Bhashyam high school

TECHNICAL INTERESTS

- Manufacturing Analytics
- Robotics

PROJECTS

- Fracture Mechanics - Behavior of crack growth under pressure
 - The main objective of our project is to investigate the behavior of a rubber material under crack propagation. Specifically, we aim to simulate and analyze the displacement and stresses developed around the crack tip using numerical methods, and validate our simulation results experimentally using the DIC (Digital Image Correlation) technique.
- Stock Market Analysis Using Python
 - In order to extract and analyze the data, visualize it, and consider several approaches to analyzing the risk of a stock based on its performance history, Python libraries like Pandas, Seaborn, and Matplotlib are utilized.

TECHNICAL SKILLS

- Python
- Excel
- Power BI
- Matlab
- Tableau
- Abaqus
- Auto CAD
- SQL
- POM – QM

INTERNSHIP

- CNC WEDM
NSIC
 - Successfully completed a comprehensive internship program at NSIC, gaining hands on experience in CNC EDM wire cut. • Acquired in-depth knowledge of programming the machine manually and operating it in automatic mode

CERTIFICATIONS

- Internship Program entitled/in the area of CNC Wire Electric Discharge Machine (WEDM) Programming & Operation
- Introduction to Data and Data Science
- Certificate of Project Completion in Robotics
- The Data Strategy Course: Building a Data-driven Business

LANGUAGES

- English
- Hindi
- Telugu
- German