

CHILAKALAPUDI MADHAN KUMAR

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Career Objective:

Results-driven with a strong foundation in **machine learning**, **data visualization**, and **statistical analysis**. Proficient in using tools such as **Scikit-learn**, **Python**, and **Pandas** to develop predictive models and derive actionable insights from complex datasets. Demonstrated expertise in solving real-world problems through critical thinking and data-driven **decision-making**. Skilled at transforming raw data into compelling visual narratives using libraries like **Matplotlib** and **Seaborn** to support strategic business decisions. Adept at working collaboratively across teams to design and implement scalable solutions that drive measurable impact.


Education Qualification:

B. Tech: Computer Science Engineering- Data Science- JNTU (Hyd) <i>Narsimha Reddy Engineering College</i> 77 % (till 3.2)	2026
Intermediate: MPC-94% <i>P.G.R Junior College, Kukatpally</i>	2022
SSC: 100% <i>Zilla Parishad High School, Nizampet</i>	2020

Skills

Programming Languages PYTHON, C and JAVA (basics)	DBMS SQL, ORACLE
Operating Systems Windows, Linux, Unix	Tools VScode, Jupiter Notebook, Google Collab
Scikit Learn Decision Making Tree, Random Forest, KNeighbour, Absolute Mean	Personality Traits: <ul style="list-style-type: none">• Problem-Solving• Critical Thinking

Projects:-

Ingredient Analyzer 	12/2024 – 12/2024
<ul style="list-style-type: none">• Role: Team Lead• Technology: Python,Tesseract,OpenCv,Wikkipidea API,StreamLit• Analyzed food and product formulations to assess nutritional value, chemical composition, and allergen presence, enabling more informed health and safety decisions.• Ensured regulatory compliance and labeling accuracy by applying data science techniques, which resulted in a 100% match between product labels and actual ingredient content during audits.	

Professional Experiences:-

Intern <i>Internship Studio</i>	11/2024 – 12/2024
<ul style="list-style-type: none">• Participated in industry-focused webinars to stay updated on emerging trends in data science and machine learning.• Attended daily technical classes to build foundational and advanced skills in programming, statistics, and algorithm development.• Completed weekly assessments to reinforce learning and track progress across core subjects.	

Certifications:

• Earned Advanced Python certification from Infosys Springboard on November 2024.	• Achieved Participation Certificate: Techknow 2.0 by Knowation Learnings on December 2024
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