

Palle Sai Priya

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Objective

Currently pursuing an MS in Data Science with strong foundations in Python, data analysis, and machine learning. Seeking a Junior Data Scientist role to support data-driven projects through data cleaning, and predictive modeling while continuing to learn and contribute to impactful business insights.

Education

Master of Science in Data Science, International Institute of Information Technology
CGPA: 8.0

Bachelor of Technology in Computer Science, Pullaiah College of Engineering and Technology
CGPA: 8.1

Board of Intermediate, Sri Chaithanya Junior, Kurnool
CGPA: 9.8

Board of Secondary Education, Bhashyam Public School
CGPA: 9.8

Skills

Languages & Tools

Python (pandas, NumPy, matplotlib, scikit-learn),
SQL, Git, OpenCV

Visualization

matplotlib, seaborn

Data Science

Data cleaning, regression, classification, supervised learning

Soft Skills

Clear communication, teamwork, problem-solving, adaptability

Projects

Embedded Night Vision System for Pedestrian Detection

- Developed a real-time system to detect sudden pedestrian appearances using image processing and object recognition.
- Applied YOLOv3 for enhanced detection accuracy in low-light conditions and alert systems.
- Utilized Python, OpenCV, and AI techniques for structured and unstructured data processing.

Fake Product Identification System

- Built a counterfeit detection system combining blockchain and computer vision for real-time product verification.
- Utilized OpenCV for image processing and blockchain to securely store and validate product data.
- Enhanced consumer safety and brand protection using automated verification pipelines.

Certifications

- - Microsoft MTA Certificate in Python Programming
- - Python Certification - Coursera
- - Web Design Certification - Free Code Camp