

Jooluri Manitej

6303955456 | manitej411@gmail.com | linkedin.com/in/joolurimanitej | github.com/manitej411

Education

Neil Gogte Institute of Technology – Uppal.
B.E-CSE(Artificial Intelligence and Machine Learning)
CGPA: 7.52/10

Hyderabad, Telangana
Sep 2023 – Jun 2027

Technical Skills

Languages: Java, Python, C, SQL (MySQL), HTML/CSS

Developer Tools: VS code

Libraries: Pandas, NumPy, Transformers, Matplotlib
enumitem titlesec

Projects

Welding Defects Detection System

Python, Machine Learning, OpenCV

- Developed a machine learning-based system to detect welding defects from image data.
- Applied image preprocessing techniques such as noise reduction and feature extraction to improve detection accuracy.
- Trained and evaluated models for defect classification using labeled datasets.
- Improved identification performance through data cleaning and optimization techniques.

Student Management System

Java, MySQL

- Built a CRUD-based application to manage student records efficiently.
- Implemented Object-Oriented Programming concepts for modular and scalable design.
- Integrated MySQL database for persistent data storage and retrieval.
- Developed features for adding, updating, deleting, and viewing student information.

AI Travel Planner (AI Agent-Based System)

Python, AI/ML, APIs

- Developed an intelligent travel planning system using an AI agent to generate personalized itineraries.
- Designed the system to recommend destinations, hotels, and activities based on user preferences and constraints.
- Integrated external APIs for real-time data such as weather, locations, and travel details.
- Implemented decision-making logic to optimize travel plans for time, cost, and user interests.