Murali Dharan Sanapala

LinkedIn: https://www.linkedin.com/in/murali-dharan-sanapala/ Mobile: +91-9640742433
GitHub: https://github.com/mdsanapala/ Email:sanapalamuralidharan2004@gmail.com

SKILLS

- **Programming Languages:** Java, Python, HTML, CSS
- **Libraries & Frameworks:** NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow, Keras, Flask, Hugging Face
- **Tools & Platforms:** MySQL, Git, GitHub, Jupyter Notebook, VS Code
- **Soft Skills:** Analytical Thinking, Problem-Solving Skills, Adaptability, Team Collaboration

Internship And Training

- **Machine Learning – InternsElite (E-Cell, IIT Hyderabad Collaboration)** April 2024 – June 2024
- Completed Machine Learning Internship & Industrial Training with focus on model development and data-driven problem solving.
- Conducted Exploratory Data Analysis (EDA) and applied data preprocessing techniques to enhance model accuracy.
- Implemented and optimized machine learning algorithms on real-world datasets for predictive insights.
- Recognized for dedication and performance, demonstrating strong skills in the end-to-end ML workflow.

PROJECTS

AI-Powered Fake News Detection Extension

May 2025 – May 2025

- Developed a system to classify news articles as real or fake using NLP techniques.
- Implemented data preprocessing, feature extraction (TF-IDF/word embeddings), and machine learning models for high-accuracy classification.
- Built a web-based interface for users to input news content and receive instant credibility scores.

Tech Stack: Python, Scikit-learn, NLTK, Pandas, NumPy, Flask, HTML/CSS, Hugging face

AI-Powered Resume Analyzer

Mar 2024 – Jul 2024

- Created a tool to evaluate resumes for ATS compatibility, keyword relevance, and formatting quality.
- Integrated natural language processing pipelines and transformer models for content analysis.
- Built an interactive web interface for real-time resume scoring and improvement suggestions.

Tech Stack: Python, NLTK, spaCy, BERT, Pandas, Flask, Scikit-learn

Asthma Detection Model from Medical Data

Jan 2024 – Apr 2024

- Designed a predictive model to detect asthma from clinical records using supervised learning algorithms.
- Applied feature selection, data balancing techniques, and explainable AI tools for transparent decision-making.
- Delivered 97% accuracy and packaged the model into a dashboard for healthcare professionals.

Tech Stack: Python, Pandas, NumPy, Scikit-learn, XGBoost, SHAP, Streamlit

CERTIFICATES

- Disha AI-GenAI Fundamentals — May 2025 – June 2025
- Coursera-DeepLearning.AI & AWS-Generative AI with LLM — Jan 2024 – Apr 2024
- LinkedIn-Full Stack web development — Mar 2023 – June 2023
- Udemy-Mastering Data structures & Algorithms using C and C++ — Feb 2023 – oct 2023
- Coursera-Python for Machine learning and Data Analytics — Aug 2024 – Nov 2024

EDUCATION

- **Lovely Professional University** — Punjab, India
  Bachelor of Technology - Computer Science and Engineering; — *Since August 2022*
- **Narayana junior college** — Palasa, Srikakulam
  Intermediate; — *April 2020 - March 2022*
- **Narayana High school** — Visakhapatnam, Andhra Pradesh
  Matriculation; — *April 2019 - March 2020*