

Murali Dharan Sanapala

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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 FundamentalsMay 2025 – June 2025
- Coursera-DeepLearning.AI & AWS-Generative AI with LLMJan 2024 – Apr 2024
- LinkedIn-Full Stack web developmentMar 2023 – June 2023
- Udemy-Mastering Data structures & Algorithms using C and C++Feb 2023 – oct 2023
- Coursera-Python for Machine learning and Data AnalyticsAug 2024 – Nov 2024

EDUCATION

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