Bandaru Chandra Mouli

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Career Objective

To work in an environment that values clear thinking, experimentation, and structured problem solving, while I develop intelligent systems that add real value.

Experience

Machine Learning Intern, FeyNN Labs Consultancy Services – Remote April 2025 – June 2025

- Developed machine learning models for predictive analysis and automation
- Worked with large datasets, performing data cleaning, feature engineering, and model tuning
- Assisted in implementing AI-driven solutions for real-time data processing

Education

Vellore Institute of Technology, AP in Computer Science and Specialization with AI and ML Sept 2023 – Sept 2027

- GPA: 8.61/10.00

Sri Viswa Junior college, Visakhapatnam in Mathematics | Physics | Chemistry Sept 2021 – April 2023

- Percentage: 94.7

Projects

Temperature Prediction using LSTM Public Link

- Built an LSTM-based temperature prediction system that forecasts the next 4 hours for any selected location.
- Tools Used: Python, NumPy, Pandas, Scikit-learn, TensorFlow/Keras (LSTM), HTML, CSS, JavaScript, Leaflet.js, Flask/FastAPI, GitHub Pages, Matplotlib

Water Well Prediction Public Link

- Developed a machine learning model to predict the functionality of water wells.Performed data preprocessing, feature engineering, and model training to improve prediction accuracy and reliability for real-world.
- Tools Used: Python, Machine Learning, Pandas, NumPy, Scikit-learn, Matplotlib

Plant Disease Detection Github

- Developed a CNN-based model to detect plant diseases from leaf images with high accuracy. Built a simple web interface where users can upload a leaf image and instantly get the predicted disease and health status.
- Tools Used: Python, NumPy, Pandas, TensorFlow/Keras (CNN), OpenCV, Scikit-learn, Google Colab/Jupyter, Matplotlib, Flask/FastAPI, HTML, CSS, JavaScript.

Face Mask Detection Github

- Developed a CNN and OpenCV-based model to detect whether a person is wearing a face mask in real time. Implemented the system for live video streams, enabling accurate and fast mask classification.
- Tools Used: Python,CNN, ANN, OpenCv, Numpy

Technologies

Languages: Java, Python, SQL

Frameworks: scikit-learn, pandas, matplotlib, seaborn, Tensorflow, Keras, OpenCv

Course Work: Data Structures and Algorithms, DBMS, Software Engineering

Areas of Interest: Machine Learning, AI, Automation Projects

Soft Skills: Problem-Solving, Adaptability, Communication, Teamwork

Tools Platforms: Jupyter Notebook, VS Code, Google Colab