B.VISHNU VARDHAN RAO

Machine learning

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CAREER SUMMARY

Curious and driven Python Developer with a strong foundation in Machine Learning. Skilled in data preprocessing, model development, and performance evaluation using Python and libraries like NumPy, Pandas, and Scikit-learn. Experienced through academic projects and self-led learning, with hands-on work in classification, prediction, and dashboard development. Comfortable working with structured and unstructured data, and passionate about building real-world ML applications. Eager to contribute to innovative teams and grow through impactful internship opportunities..

TECHNICAL SKILLS

• **Programming Language:** Python
• **ML Algorithms**: Linear/Logistic Regression, Decision Trees, Random Forest, SVM
• **Libraries**: Scikit-learn, NumPy, Pandas
• **Data Preprocessing:** Missing values, Scaling, Encoding
• **Model Evaluation**: Accuracy, Precision, Recall, F1 Score, Confusion Matrix
• **Environment**: Jupyter Notebook, Google Colab
• **Version Control**: Git & GitHub

PROJECTS

AI RESUME SCREENER
| Streamlit | Python, Scikit-learn, NLP | Demo   Dec 20XX – Present

- **Problem Solved**: Automated the manual and inconsistent process of resume screening by using AI to evaluate candidate profiles based on skills, experience, and education.
- **Solu Built:** Developed a web-based application using Streamlit that applies NLP and machine learning to extract key resume features and classify candidate suitability for technical roles.
- **Tech Stack**: Python, Streamlit, Scikit-learn, spaCy (NLP), Pandas, GitHub, Streamlit Cloud

AI CHATBOT
STREAMLIT WEB APP | Adatum Corporation | Demo   Jun 20XX – Dec 20XX

- **Problem Solved:** Enabled instant and intelligent user interaction by automating responses to queries using conversational AI, reducing the need for manual support.
- **Solution Built:** Developed a web-based chatbot using NLP and OpenAI's language model to understand user input and generate context-aware responses in real time.
- **Tech Stack:** Python, Streamlit, cohere I, spaCy (NLP), GitHub, Streamlit Cloud

Sales Dashboard
Streamlit Web App|Python, Pandas, Plotly / Demo   Apr 20XX – May 20XX

- **Problem Solved:** Simplified the analysis of sales data by replacing manual reporting with an interactive dashboard for real-time insights and decision-making..
- **Solution Built:** Created a dynamic web-based dashboard that visualizes key sales metrics (revenue, trends, performance) using interactive charts and filters.
- **Tech Stack:** Python, Streamlit, Pandas, Plotly, GitHub, Streamlit Cloud

EDUCATION

10TH STANDED	AVR English Medium School	2019
INTERMEDIATE	MPC	Sri Chaithanya junior college	2019 – 2021
BACHELOR'S DEGREE	CSE Artificial Intelligence and Data science	Dhanalakshmi Srinivasan university	2021 – 2025