ABHILASH GANGOJIPETA

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TECHINCAL SKILLS

LANGUAGES/TOOLS/FRAMEWORKS/CONCEPTS

- Python, SQL, Excel, R(basic), MySQL, MongoDB
- Pandas, NumPy, Matplotlib, Seaborn, Tableau, scikit-learn, Regression, Classification, Clustering, Hypothesis Testing

EDUCATION

Bachelor of Technology (B.Tech.) : Parul University, 2021-2025
Coursework: Computer Science with Artificial Intelligence.
GPA: 7.22/10

EXPERIENCE

Data Analyst MAY 2024 - JUN 2024
Unified Mentor PVT.LTD

- I gained hands-on experience in data preprocessing, model development, and evaluation techniques using machine learning tools.
- Technologies Used: Python, TensorFlow, Google Colab, Random Forest, Data Analysis Techniques.

Machine Learning DEC 2024 - MAR 2025
Slash Mark IT Solutions (OPC) Pvt Ltd

- I worked on a Music Recommendation System. This experience helped me gain practical knowledge in machine learning algorithms and their real-world applications.
- Technologies Used: Python, TensorFlow, Google Colab, Random Forest, Machine Learning Algorithms.

Artificial intelligence DEC 2024 - Jan 2025
TechSaksham

- I Worked on a Plant Disease Detection System for Sustainable Agriculture, utilizing deep learning for plant disease identification.
- Technologies Used: Python, TensorFlow, OpenCV, Deep Learning Algorithms (CNN), streamlit.

PROJECTS

Heart Disease Analysis and Financial Analytics: This project is used for data analysis, processing, and backend support through various Python libraries like Pandas, NumPy, Matplotlib, and Seaborn. Data cleaning is crucial for maintaining the integrity and quality of the data within the marketplace platform. Data modeling in the marketplace platform involves structuring the data to support efficient storage, retrieval, and analysis.
GitHub Link(HDA-FA)

Plant Disease Detection System for Sustainable Agriculture: The Plant Disease Detection System is a Streamlit application that uses a TensorFlow-trained model to identify plant diseases from images. It allows users to upload images, predicts diseases from over 30 classes, and aids in early detection for sustainable farming. The system supports agricultural productivity by reducing crop loss.
Key libraries like NumPy, OpenCV, and Matplotlib are used for data handling and visualization.
GitHub Link(PDDSS)

HEALTH PROGNOSIS: Built a Flask-based Health Prognosis System using machine learning to predict diseases like diabetes, cancer, and heart conditions. Enabled early diagnosis through user health data input with secure authentication for privacy. Used MongoDB to store user details and track prediction history.
GitHub Link(HP)

CERTIFICATIONS

- Data structures using python - Udemy
- Machine Learning - Slash Mark IT Solution
- Data Analysis - unified mentor
- Data Visualization in Tableau Python - Udemy