Harsh Limbachiya

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Technical Skills:

Languages: C/C++, Python, SQL/MySQL.
Developer Tools: GITHUB, Microsoft SQL Server, VS Code, Pandas and NumPy.
Web Technologies / Frameworks: Html, CSS, Flask, Streamlit.

Projects:

- **SKIN DISEASE DETECTION** ☑:
  - Skin Disease Detection using Image Processing. Proposed an automated image-based system for recognition of skin diseases using Machine Learning classification. User inputs skin disease image, system processes it using CNN algorithm and classifies diseases using SoftMax activation function.
  - Achieved 89% accuracy in skin disease detection model during testing phase.

HOUSE PRICE PREDICTION ☑:
- Analysing prices of Housing Industry, the literature attempts to derive useful knowledge from historical data of property markets.
- XGBoost Model for Regression is applied to analyze historical property transactions to discover useful models for house buyers and sellers to understand the depth of housing properties in particular areas.
- Achieved RMSLE Score of 79% in XGBoostRegressor model during testing phase.

- **SMART RESUME ANALYZER USING AI** ☑ : Python, Flask, Streamlit, Machine Learning, NLP, MySQL
  - Automated resume screening using Machine Learning and NLP, reducing manual effort by 80%.
  - Streamlined recruitment by enabling recruiters to shortlist candidates using a calculated ATS-friendly score, improving hiring efficiency.
  - Developed an intelligent resume generation tool, increasing resume acceptance rates by 50%.

EXTRACURRICULAR ACTIVITIES/PERSONAL PROJECT :

SORTING VISUALIZER ☑ : To Understand more about Sorting Algorithms application, we developed Sorting Visualizer. It's a web app to visualize various sorting algorithms like Selection Sort, Bubble Sort, Merge Sort, etc. It includes speed control and array size adjustment for a customizable experience.

DIABETES PREDICTION SYSTEM ☑ : Implemented SVM Algorithm into the project for better understanding of how a machine learning project work based on provided data. Achieved an Accuracy of 73% on the testing data, which helped in getting insight about the patient medical condition.

Problem Solving:
- Successfully solved algorithmic problems in LeetCode, GFG, strengthening expertise in Data Structures Algorithms (DSA)   harshlimbachiya , Harsh@148

COURSEWORK & SKILLS :

- Data Structures & Algorithms
- Database Management System
- Artificial Intelligence
- OOPS Concept
- Operating System
- Software Engineering

EDUCATION

University of Mumbai	**2021 – 2025**
B.E in Information Technology	**7.5 CGPA**