RESUME

Name:
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Education

JM International School, Delhi, New Delhi

Skills

- **Coding Languages:**
  - Python, C, C++
- **Software:** ○ MATLAB, Scilab, PyCharm, VS Code
- **Languages:**
  - English, Hindi, French
- Also have experience with Linux operating system

Projects

1. **Agriculture Prediction Model:** An AI model project whose purpose is to predict hg/ha yield of different crops in different areas. It has many different features like avg temp, avg_rainfall_per_mm, soil_organic, soil_nitrogen, soil_phosphorus, soil_potassium. These features are also used to predict hg/ha yield. The ML approaches used in this project is regression. In this project 4 regression techniques have been used like linear, lasso, ridge, and Decision Tree regressor. The dataset for this project is taken from Kaggle. This project was made when I was in my 3rd year of college.
   Link: https://github.com/desmond3546/ai-project

2. **Laptop Price Predictor:** This project involves building a machine learning model to predict laptop prices based on various features like brand, type, screen size, screen resolution, processor, RAM, storage, graphics card, operating system, and weight. The dataset is pre-processed to handle categorical data, scale numerical features, and address missing or inconsistent values. Multiple regression models are evaluated and fine-tuned using techniques like grid search to identify the best-performing model. The goal is to provide accurate price predictions, which can assist customers in comparing laptops or businesses in pricing their products competitively. This project was done when I was doing my online training with Krunatic solutions.
   Link: https://github.com/desmond3546/laptop_price-project

3. **Lung Cancer Prediction:** This project involves building a machine learning model to predict the likelihood of lung cancer based on a dataset containing various health-related and lifestyle features. Key attributes include gender, age, smoking habits, chronic disease history, fatigue, and other symptoms like coughing, wheezing, and chest

pain. The dataset is pre-processed to clean and prepare the data, and various classification models are evaluated to identify the best-performing algorithm. The goal is to develop a reliable tool that can assist healthcare professionals in early detection and intervention for lung cancer.

Link: