Mohit Singh

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SKILLS

Programming Languages and Frameworks: Python, Django, HTML, CSS, JavaScript, C

Tools and Technologies: Git, GitHub, Tableau, NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Machine Learning (Logistic Regression, Random Forest, Decision Trees, Gradient Boosting), Deep Learning, Celery

Other Skills: Excel, Digital Marketing, Project Management, Product Management

EXPERIENCE

Infosys Springboard, Remote — *Artificial Intelligence Intern*

SEPTEMBER 2024 - DECEMBER 2024

- As an Infosys Springboard intern, I developed a CNN-based model to classify skin images as benign or malignant, improving diagnostic accuracy in medical image analysis.
- Implemented the project using Python and TensorFlow, handling data preprocessing, model training, and evaluation to ensure reliable performance.
- Enhanced model robustness with techniques like data augmentation and dropout, contributing to more accurate and generalizable skin cancer detection.

PROJECTS

SmartDocs – AI-Powered Bank Statement Processor — Visit Site

Addressed the time-consuming and error-prone process of manual data entry for Indian CAs by building SmartDocs, a B2B SaaS tool. Architected a full-stack Django application that automates transaction extraction from PDF bank statements using an AI-driven pipeline (Gemini API). The result is a 95%+ reduction in manual processing time for users.

AI-Driven Leaf Disease Prediction — Code

- Developed a high-accuracy machine learning model to detect diseases in 38 plant classes using leaf images.
- Utilized transfer learning with EfficientNetB0 and enhanced model robustness with image augmentation and dropout. Implemented the project in Python using TensorFlow, OpenCV, Matplotlib, and Scikit-learn.
- The model shows strong potential for accurate plant disease detection, which can support agricultural monitoring and enable early intervention.

Credit Card Fraud Detection — Code

- Developed a machine learning model to detect fraudulent transactions.
- Used Scikit-learn and Logistic Regression, achieving 96% accuracy and an AUC of 96.2%.
- The model demonstrates strong effectiveness in identifying fraud, contributing to enhanced transaction security

EDUCATION

Adani University, Ahmedabad — *Computer Science(AI-ML)*

AUGUST 2023 - PRESENT

CGPA - 8.86

St. Xavier's School, Gandhidham — XII(Class 12)

JUNE 2021 - MARCH 2023

Percentage - 72%

CERTIFICATIONS

Google Project Management Professional Certificate
Coursera | Show Credential

Business Intelligence & Analytics
NPTEL | **Top 1%** | Show Credential

Python For Data Science
NPTEL | **Top 5%** | Show Credential

Fundamentals of Digital Marketing
Google | Show Credential

The Data Science Course Bootcamp
Udemy | Show Credential

Microsoft Excel - Excel for Beginner to Advanced
Udemy | Show Credential