Harshil Upadhyay

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https://github.com/Harshil000   Harshil Upadhyay

SKILLS

- ❖ **MERN Stack**
- ❖ **React Native**
- ❖ **Auth0 authentication**
- ❖ **HTML, CSS(Tailwind too), Javascript**
- ❖ **Python :- Numpy , Django**
- ❖ **C Language**

EDUCATION

- ❖ CSE(AI-ML)|Adani University   *CGPA*: *8.4 | (DEC-2024)*
- ❖ XII (CBSE) |Tripada Day School   *86.46%| 2024*

ACADEMIC PROJECTS

- ❖ *AI Based crop-disease detection*

This project focuses on using **Artificial Intelligence (AI)** to identify plant diseases through image processing and machine learning techniques. Farmers can upload images of affected crops, and the AI model analyzes them to detect diseases and suggest possible treatments.

- ❖ Key Features:

  - ✅ **Image-Based Diagnosis** – AI identifies diseases from plant images.
  - ✅ **Machine Learning Model** – Trained on a dataset of diseased and healthy crop images.
  - ✅ **Web App** – Farmers can access it for quick disease detection.
  - ✅ **Recommendation System** – Suggests solutions like pesticides, fertilizers, or organic treatments.

- ❖ Technologies Used:
  - ◇ **Python (TensorFlow, PyTorch, OpenCV)**
  - ◇ **Next.js for the web interface**

- ❖ *Balloon POP game*

This is an interactive and engaging shooting game where balloons continuously float across the screen. The player's objective is to shoot only the **blue balloons** to earn points. Each correctly hit blue balloon increases the score, while shooting the **wrong-colored balloons** results in a penalty and decreases the score. The game tests the

player's focus, accuracy, and reflexes, offering a fun way to improve hand-eye coordination while maintaining a simple yet addictive gameplay experience.
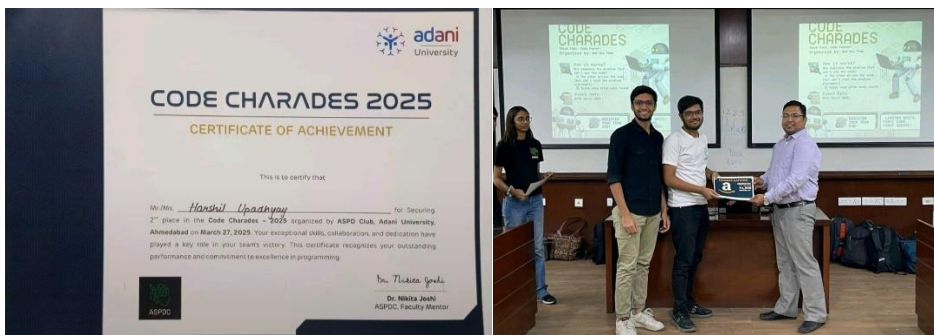
❖ Technologies Used:

◇ **MongoDB :- managing users and maintaining leaderboard**

◇ **ReactJs :- for web interface**

◇ **Auth0 :- for user authentication**

Link of the project :- https://2-devs.vercel.app/

ACHIEVEMENTS / HOBBIES

● RunnerUp in CSS competition named CodeCharades (at adani university)

● I am senior green belt in Karate

● I am awarded with bronze medal in kata(karate) district level competition in 2017

● In class 5th I was awarded with olympiad silver medal

● In free time I like to listening music and sometime do also play casio