Abhishek Vishwakarma

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Skills

- Python | C | Machine Learning | Computer Vision | NLP | LLM | Flask | Django | LangChain | Git | PyTorch | SQL | NoSQL
- JavaScript | Node | React | REST | Web Development | Bootstrap
- Colab | Kaggle | Cloud Computing | Docker | OOP | Distributed Systems

Experience

Web Developer Intern	New Horizon Institute Of Technology & Management (Mumbai University)	01/2024 - 05/2024

- Leading and working with NHITM College website development team, Communicating with Board Members for requirement gathering.

Education

Bachelor of Engineering	New Horizon Institute Of Technology & Management (Mumbai University)	Thane, Maharashtra, IN	12/2021 - 06/2025

- Major in Artificial Intelligence and Data Science

Research

- **Introduction to Multimodal Deep Learning :** An exploration of the application and benefits of combining information from multiple modalities, such as text, image, audio, and video, using deep learning techniques.

Projects

- **Object Detection :** Object detection using TensorFlow Object Detection API allows you to train models to recognize and pinpoint objects within images. Its like teaching a computer to identify different objects in a picture automatically. **(04/2023)**

- **Leaf Disease Detection :** Leaf disease detection is a vital agriculture web app, automating identification and diagnosis of plant leaf diseases. By analyzing leaf images for symptoms, it enables early detection, precise treatment, and promotes sustainable farming, boosting yields and food security. **(10/2023)**

- **Food vision :** Food Vision is a comprehensive tool designed to help users identify food in images, obtain nutritional information, discover recipes related to the identified food, find places to purchase the food, and interact with an integrated chatbot for seamless navigation and assistance.

  (03/2024)

Certifications

- **Python Programming from basic to advance level :**
  Udemy
  Credential ID: UC-c6584fb3-1173-4e98-9c6d-c5b8ab21b6ce

- **Generative AI with Large Language Models :**
  DeepLearning.AI, Amazon Web Services
  Credential ID: FX375RXL229

Mentorship

- **Deep Learning:** I mentor my colleagues in learning PyTorch. PyTorch is a deep learning framework written in Python that is widely used for deep learning applications **(06/2023)**
- **Database:** I mentor my colleagues in SQL and database management, focusing on querying, updating, and maintaining relational databases for data integrity, security, and accessibility. **(04/2022)**

Others

- **Won Hackathon:** Won 1st prize in international hackathon for the Fine-Tuning Llama 7B 24-Hours Challenge. **(09/2023)**
- **Nhitm Hackathon22:** We secured the top spot among competing teams at NHITM Hackathon22, demonstrating our innovation and problem-solving prowess. **(02/2023)**