




Yagyeshz Vishnoi

 yagyeshvishnoi11@gmail.com

 +91 9541425752

 LinkedIn

 Portfolio

 GitHub

Education

BTECH - COMPUTER SCIENCE
VIT Bhopal University
8.83

09/2022 – Present
Bhopal,MP

12 Class CBSE
DPS Udhampur
87%

05/2021 – 05/2022
Udhampur

Professional Experience

Technology Intern (Internship)
Hawkswave Technology Pvt Ltd

01/2025 – 04/2025
Remote

- As Worked on a project developing Ultra-Wideband Signal Processing using Python.
 - Developed the frontend for this software using the PyQt framework.
 - Collaborated with a team to integrate backend computations with the user interface for a seamless experience.
- Skills: Python

Achievements

TCS CodeVita Round 1

- Ranked 1000 in India among K participants, placed in the top 10K nationwide

Projects

Harvest Hub - Web development and ML Project Link
[Python, CNN, Random Forest, XGBoost, AWS, React]

12/2024 – 04/2025

- Developed a web-based agricultural platform integrating three models:
- Yield Prediction – Predicted crop yield using historical data with models like Linear Regression, Random Forest, and XGBoost (9% accuracy).
- Crop Recommendation – Suggested optimal crops based on soil nutrients and climate conditions using KNN, SVM, and XGBoost (95% accuracy).
- Disease Detection – Trained a CNN on 70,000 images for early disease detection and treatment recommendations (92% accuracy).
- Deployed models on AWS EC2 with a React frontend for seamless user interaction.

Criminal Recognition System - Web Development and ML Project Link
[Python, TensorFlow, MTCNN, Xception, SVM]

01/2024 – 03/2024

- Trained on a 1000-person image database using MTCNN for face detection and Xception for feature extraction, building an SVM model.
- Achieved a 1-result accuracy of 96% and a 3-result accuracy of 98%.
- Deployed a website where users can upload an image to check if the person is a criminal and retrieve the criminal's records.
- Worked as a team lead, responsible for model training, testing, and backend development.

ASL Translator - ML


06/2023 – 08/2023

[Python, CVzone, Google Keras, NumPy]

- Spearheaded the data collection and training phase of a group project focused on developing a real-time American Sign Language (ASL) translator using the CVZone library and NumPy.
- Assembled a dataset comprising 7800 images to train the AI model, ensuring comprehensive coverage of ASL gestures for robust recognition.
- Led the training process of the AI model, fine-tuning parameters to achieve an impressive efficiency rate of 88% in real-time ASL interpretation.

Certifications

AWS Certified Cloud Practitioner (CLF-C02) - AWS  — Issued on: Dec 202 Certification Link •

The Complete Full-Stack Web Development Bootcamp - Udemy  — Issued on: Feb 202 Certification Link •

Marketing Analytics NPTEL — Issued on: Apr 2025