

Krishna Gevariya

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👤 PROFILE

I'm B.Tech Student in IT at Charusat University with a passion for Machine learning and Artificial Intelligent, seeking to automate the deployment of the model by exploring in MLOps. Continually working towards bettering myself and achieving my goals.

🎓 EDUCATION

B. Tech - IT

2020 – 2024

Charotar University Of Science And Technology

(9.47 CGPA)

🧠 SKILLS

Machine learning

Algorithms & Deep learning

Languages:

C, C++, Python, HTML, CSS, Javascript

Database Language

SQL

Framework

TensorFlow, scikit-learn, Keras, PyTorch

Soft Skill

Fast learner, being proactive, Time management

📄 CERTIFICATES

Machine Learning

NPTEL

Machine Learning Foundation



AWS

Machine Learning Specialization

Coursera

AI-900, AZ-900, PL-900

Microsoft Azure

Database Management System, Introduction to OS

NPTEL

Python, SQL, Problem Solving, Java

HackerRank

📁 PROJECTS

Vehical Tracking

Jun 2023 – Jul 2023

Technology: YOLOv8, DeepSORT

- The project shows the number of entering and exiting vehicles, identify the types of vehicles and estimate the speed of the vehicals
- Leveraged YOLOv8's high accuracy and efficiency to detect and monitor vehicles in complex traffic scenarios, enhancing overall system responsiveness and reliability.

Enhancing Rice leaf diseases classification using transfer learning and deep neural networks

May 2023 – Jun 2023

Technology: CNN(VGG16, Inception_v3)

- Elevated the accuracy of rice leaf disease classification through advanced deep learning techniques.
- Employed transfer learning and convolutional neural networks (CNNs) to harness pre-trained models, enhancing the efficiency and precision of disease identification in rice crops, contributing to improved agricultural diagnostics.
- Classification of various diseases of rice leaves for making the Qualitative Production of Rice.

Tumor Perception in Brest

Dec 2022 – May 2023

Technology: CNN, HTML, CSS

- Developed a CNN-based approach for precise breast tumor detection, utilizing advanced image processing techniques.
- The model enhances tumor perception by effectively analyzing mammographic images, contributing to early and accurate diagnosis in breast cancer detection, a pivotal advancement in medical imaging.
- A web app for testing the stage of the tumor in Brest in Benign or Malignant by uploading the images.

Amazon Fine Food Reviews Analysis

Feb 2023 – Apr 2023

Technology: NLP

- Revolutionized Amazon Fine Food Reviews analysis through Natural Language Processing (NLP).
- Employed advanced sentiment analysis and topic modeling techniques, unraveling intricate consumer sentiments and preferences, thus providing valuable insights into customer opinions and preferences regarding food products.

Scrutinizing Whatsapp

Dec 2022 – Apr 2023

Technology: NLP

- The data was collected from a group chat of individuals from whatsapp and identify patterns and trends in the communication behavior of the members, and to gain insights into their social dynamics and interactions.

IOT Based Smart Home

Jun 2022 – Nov 2022

Technology: IOT

- House model with electronic controls for things like doors, fans, and lights using laptops or smartphones.
- Along with soil moisture and rain detection feature that warns you through alarm or notification for a better quality of life and comfort.

AWARDS

The 2022 Solution Challenge Using information Technology

30 Dec 2022

By Solving Sustainable Development Goals that is Sustainable Cities and Communities as representing project and come up with 1st Runner up.

PROFESSIONAL EXPERIENCE

Data science

Sep 2023 – present

Genuin Inc.

Ahmedabad, India

Project:

- RVC: By using Retrieval based voice conversion mode, made end to end project that can train user voice as well as convert the voice into targetd model which is applied. Also user can record voice and convert it into any other's voice.
- SDXL Turbo: worked on text-to image, image-to-image and image-to video generation using pretrained sdxl model and its pipeline.

Machine Learning Intern

May 2023 – Jul 2023

Einfochips

Ahmedabad, India

Skills: Machine learning, deep Learning

- Gesture Recognition System: Interpretation of human gesture vis mathematical algorithms, to point out a figure at the computer screen so that cursor will move accordingly.

Python developer, Idea2Code Infotech LLP

May 2022 – Jun 2022

Skills: Python (Programming Language)

Surat, India

- Data manipulation using pandas
- Data Analysis and Visualization using Matplotlib, seaborn
- Learn about pytorch pretrained model.