

EDUCATION

B.Tech, Computer Science & Engineering

Bennett University
2021 - 2025

WORK EXPERIENCE

Data Science

CodSoft, Virtual

Internship • Dec 2023 - Feb 2024 (2 months)

Involved Titanic Survival prediction using data from 418 passengers.

Required Movie Rating Prediction with Python with data from more than 15000 Indian movies

Explored Iris Flower Classification containing data from 3 different species.

POSITIONS OF RESPONSIBILITY

Member of the python club in my university.
Lead all the project during college years.

TRAININGS

TensorFlow: Advanced Techniques

Google, Online

Feb 2024 - Present

Generative Adversarial Networks (GANs)

Deeplearning.ai, Online

Dec 2023 - Jan 2024

Cloud Computing

AWS Academy, Online

Sep 2023 - Oct 2023

Machine Learning

AWS Academy, Online

Nov 2022 - Nov 2022

PROJECTS

AWS library

Mar 2024 - Jul 2024

Designed and developed an online library platform using AWS services (S3, EC2, containers, load balancer)

HTML provides the core structure and content of the webpages, like headings, paragraphs, images, and buttons.

CSS controls the visual presentation of those elements, including layout, colors, fonts, and responsiveness.

3D Object Detection using sobel edge detection and rcnn image segmentation

Jan 2024 - May 2024

3D Object Detection: The task at hand is to locate and recognize objects within a 3D space. Methods such as LiDAR or specialized deep learning models are employed, rather than relying on Sobel edge detection.

RCNN Image Segmentation: This technique utilizes a family of deep learning models known as Region-based Convolutional Neural Networks (RCNNs) to perform image segmentation. Its purpose is to categorize every pixel in an image into a specific object category, resulting in a mask for each object. Sobel would not be the most suitable tool in this case either.

Plant disease detector

Jan 2024 - May 2024

A web application that can detect plant disease by scanning a diseased leaf and provide the disease name and cure.

The proposed research project contains a total of 97,468,611 trainable parameters in the architecture.

Sign2Speak

Dec 2023 - Feb 2024

Real-time American Sign Language detection
Collected more than 2600 images to build a comprehensive training set from the letter A to Z
Tensorflow lite framework to reduce the Android app size to 107 MB

Face mask detection using CNN

Oct 2023 - Dec 2023

SKILLS

Digital Marketing

Intermediate

English Proficiency (Written)

Advanced

Python

Intermediate

Artificial Intelligence

Beginner

Machine Learning

Intermediate

Data Structures

Intermediate

Database Management System (DBMS)

Beginner

PHP

Beginner

HTML&CSS

Intermediate

JavaScript

Beginner

Linux

Apache

Beginner

Beginner

ADDITIONAL DETAILS

Completed Generative Adversarial Networks, TensorFlow: Advanced techniques courses offered by DeepLearning.AI

I have completed Linux, apache , mySQL courses provided my Infosys springboard

Research paper Title - "3D object detection using Sobel edge detection and RCNN image segmentation" was published at 2023 International Conference on Emerging Research in Computational Science (ICERCS)