

Contact

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🏠 Jaipur, India

📁 Portfolio

🔄 BhavyBansal24

🌐 bhavybansal24

Education

Computer Science with Specialization in Data Science & Engineering

Manipal University Jaipur
August 2020 - May 2024

Technical Skills

Python Problem Solving

LVM (Large Vision Models)

Computer Vision OpenCV

Machine Learning Deep Learning

Data Analysis (Tableau/PowerBI)

Soft Skills

Critical Thinking Problem Solving

Attention to Details Creativity

Teamwork Time Management

Curiosity Communication

Certifications

Neural Networks and Deep Learning

DeepLearning.AI
Certification Link [🔗](#)

Cloud Machine Learning Engineering and MLOps

Duke University
Certification Link [🔗](#)

Google Data Analytics

Google
Certification Link [🔗](#)

Supervised Machine Learning: Regression and Classification

DeepLearning.AI
Certification Link [🔗](#)

SQL for Data Science

University of California, Davis
Certification Link [🔗](#)

Blockchain Basics

University at Buffalo
Certification Link [🔗](#)

Bhavy Bansal

Data Scientist

Projects

Dice Duel Prediction [Github Repo Link](#)

LSTM Transformers Time Series Data Tensorflow

HuggingFace

- Implemented a predictive model for dice outcomes using deep learning techniques
- Collected data from Online gambling website
- Utilized LSTM networks and attention mechanisms
- Achieved a top-3 accuracy of 95%
- Applied TensorFlow and Keras for model development

UrbanSound 8K Audio Classification

[Live Demo Link](#)

[Github Repo Link](#)

Python Tensorflow Streamlit Docker Web-App

- Developed a versatile application for sound identification in urban environments and analysis of acoustic surroundings.
- Utilized advanced technologies such as Docker, Package Manager, Orchestration, and cloud services like AWS/Azure.
- Implemented audio classification using Neural Networks and Transfer Learning.
- Worked independently on the project and integrated the solution with diverse software and hardware systems.

Tomato Plant Disease Detector

[Live Demo Link](#)

[Github Repo Link](#)

Python Tensorflow Docker Web-App Streamlit

- Developed a computer vision model using Python and TensorFlow to detect and classify diseases in tomato plants.
- Trained the model using a dataset of images of healthy and diseased tomato plants.
- Deployed a web app interface on Streamlit Cloud for easy access and visualization of results.

Experience

Videosyncracy | Machine Learning Developer

September 2023 - November 2023

- Implemented a CPU-based approach for image generation.
- Worked on a SadTalker CVPR 2023 library.

Walmart | Software Developer

June 2023 - July 2023

- Developed intricate algorithms in C++ to solve complex problems.
- Thoroughly tested algorithms with diverse scenarios to ensure resilience.
- Collaborated with cross-functional teams to identify opportunities for innovation.