

SANJAY M

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Aspiring ML Engineer and Data Analyst with practical experience from internships, skilled in developing and implementing machine learning models. Passionate about leveraging data to drive insights and innovative solutions.

SKILLS

Programming Languages	Python, C, Basics of Java, JavaScript
ML/Deep Learning	Perceptrons/NN, Computer Vision(CNNs, OpenCV, YOLO, Image Classification, Object Detection Generative Models and GANs) NLP(Text Representaion, Language Modeling, RNNs, LSTM)
Python Libraries	Pytorch, Tensorflow/keras, Numpy, Pandas, Matplotlib, Seaborn
Supervised, Unsupervised Learning	Classification and Regression, Decison Tress, Random Forest , K-Means, Recommender System
Front end Tools	HTML, CSS

WORK EXPERIENCE

Internship May 2024 - July 2024

- Certified internship program from AIvolved. During my Machine Learning Internship, I specialized in computer vision and image processing, utilizing YOLO for image detection. I contributed to company projects by developing and implementing advanced image analysis techniques.

Internship Dec 2023 - April 2024

- Certified ML Internship at PragyanAI: Developed and optimized models with Scikit-Learn, TensorFlow, and PyTorch, performing data preprocessing and feature engineering. Collaborated using Git, significantly improving model accuracy and efficiency.

PROJECTS

ACL INJURY PREDICTION [Project link](#)

This project utilizes a pre-trained VGG16 model to predict ACL injury risk from images of people playing kabaddi, displaying the prediction and risk percentage. The model is fine-tuned for improved performance, and predictions are presented.

BITCOIN PRICE PREDICTION [Project link](#)

This project leverages LSTM neural networks to predict Bitcoin prices based on historical data and visualizes the predictions.

For more project visit my [GitHub](#) account

EDUCATION

2022 - 2024	MCA (Computer Application) at NMIT	(CGPA: 7.73)
2019 - 2021	Bachelor's Degree at MSRC	(CGPA: 7.1)

ACHIEVEMENTS

National Level kabaddi player

Represented karnataka state and University at national level competations