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SACHIN KUMAR

About Me

As a Computer Science Engineering student, I specialize in end-to-end machine learning deployment using Python. I've completed hands-on AI/ML projects like number plate recognition and age/gender detection with TensorFlow. I have a strong foundation in Data Structures, Algorithms, and Object-Oriented Programming (OOP). My versatile skill set enables effective contributions to both machine learning and software engineering domains.

Personal Projects

Number Plate Detection -Deep Learning, Jan-Mar,2021

● Developed a license plate detection system using Python, TensorFlow, and scikit-learn. Achieved 85% accuracy through transfer learning with InceptionResNetV2 and adding 3 dense layers in model. **LINK-** https://github.com/SachinYadav2/ANPRwithAWS

Django Resume Project , Jun-Dec,2022

● I created a resume-based project using HTML, CSS, JavaScript, and Bootstrap. I implemented the design and functionality and successfully deployed the project on the PythonAnywhere site. **LINK**-https://github.com/SachinYadav2/resumedjngo , https://syadavml.pythonanywhere.com/

Age and Gender Detector, Jan-Mar 2023

● This project employs a Convolutional Neural Network (CNN) to predict age and gender from facial images. The applications span targeted advertising, market research, personalized user experiences, content recommendations, and public health initiatives. **Link-**https://github.com/SachinYadav2/AgeGenderDetect

Technical Skills

- **Programing Language**: Python , Java
- **DataBase** - SQL , MySql , Database Management Systems (DBMS) , Operating System (OS)
- **Data Science** - Machine Learning , Deep Learning
- **Soft Skill**- Multi Tasking , Communication

Education Background

•**Noida Institute of Engineering and Technology ,** AKTU	Computer Science Engineering (AIML)Batch 2020-2024, CGPA: 8.44/10
•**J.S.Public School Muhabbatpura (Hathras)**	12th Pass Out Year 2020, Percentage: 69% 10th Pass out Year 2018 , Percentage: 75%

Achievemnt

Kaggle-I scraped the data and preprocessed it and posted it in kaggle so that the community can perform tasks on it.

Git Hub - I've made substantial contributions across 30 repositories with over 600 files, all accompanied by detailed descriptions to aid users in utilizing my open-source work.

coursera certificate

- Introduction to Deep Learning & Neural Networks with Keras (IBM)

- Machine Learning with Python (IBM)