PIYUSH

Data Science Intern

+91- 9592964404 | sunnypiyush11@gmail.com | github.com/ong-techie | Greater Noida, India

ABOUT ME

Motivated and detail-oriented Data Science enthusiast with a strong foundation in data analysis, machine learning algorithms, and software development. Proficient in Python, TensorFlow, and Scikit-learn, with hands-on experience in building predictive models, data preprocessing, and exploratory data analysis. Skilled in applying supervised and unsupervised learning techniques to solve real-world problems. Excellent problem-solving abilities and a passion for developing innovative AI solutions.

EDUCATION

BTech: AI & ML (8.0 CGPA)

Noida Institute of Engineering & Technology

2022 - 2026

Class XII (83%)

The Cambridge School, Sangrur

2022

Class X (91.2%)

The Cambridge School, Sangrur

2020

TECH STACK

Tech Skills

Python, Java, Tensor flow, Scikit-learn, OpenCV, SQL, Keras, Machine Learning, Deep Learning, Predictive Modeling.

Soft Skills

Problem-solving, Active Listening, Teamwork, Flexibility, Decision-making.

LANGUAGES

English
Native

Hindi
Native

Punjabi
Proficient

INTERESTS

Chess

Badminton

Programming

KEY ACHIEVEMENTS

Certification Completion

Completed 3 ML certifications, enhancing skills in AI technologies.

Project Success

Developed EV adoption analysis, processing data from 50,000+ vehicles.

PROJECTS

Virtual Calculator

- Developed an interactive virtual calculator using hand-tracking technology powered by **OpenCV** and **Media Pipe**.
- Implemented real-time **detection of finger positions** to recognize numbers and mathematical operations.
- Enabled **gesture-based input** for digits (0–9), addition, subtraction, multiplication, modulus and division.
- Technologies used : Python , Jupyter Notebook, OpenCV, Media Pipe

Electric Vehicle Population Analysis using Machine Learning

- To analyze the growth, distribution, and factors influencing the adoption of electric vehicles (EVs) globally or within a specific region.
- Visualized key insights such as **vehicle type distribution**, **top manufacturers**, **year-wise growth**, and **regional EV density** using **Matplotlib** and **Seaborn**.
- Technologies used: Scikit-learn , Auto Viz, Python, Predictive modelling.

CERTIFICATION

Machine Learning Foundations: A Case Study Approach

University of Washington: certificate link

Getting Started with AI using IBM Watson

IBM: certificate link

Deep Learning For Developers

Infosys Springboard: deep_learning_certificate.pdf