

JYOTIRMAY SHRESTHA

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TECHNICAL SKILLS :

- ❖ Machine Learning ,AI ,Web Development.
- ❖ Programming Languages (Java ,C ,C++ ,python ,JavaScript , Oracle SQL).
- ❖ OS ,DBMS ,OOP ,COA.

EDUCATION :

- ❖ Currently pursuing B.Tech in CSE | Heritage Institute of Technology (MAKAUT affiliated) | CGPA: 8.54 | 2022-2026.
- ❖ Higher Secondary Education | Iswarpur B.M. Academy | grade: 92% | 2021.

PROJECTS :

- ❖ NitroLens :
 - Downscaling of satellite based NO2 map using ML model.
 - Generating fine resolution NO2 map from coarse resolution satellite data.
 - CNN ,TensorFlow, Python(NumPy, matplotlib).
- ❖ Employee Performance Analysis: (Python, TensorFlow, Scikit-Learn, Numpy, Pandas, Flask)
 - Developed a ML model to predict employee performance based on historical data.
 - Implemented feature engineering techniques to extract key insights from HR datasets.
 - Used classification and regression models to predict employee productivity or performance rating.
 - Integrated the model into a Flask-based web app for interactive analysis.
 - Achieved 88% accuracy in performance prediction, helping in data-driven decision-making.

PERSONAL DETAILS :

- ❖ Date of Birth: 22/01/2002
- ❖ Mother's name: Ila Giri Shrestha
- ❖ Father's name: Bhagawan Das Shrestha
- ❖ Nationality: Indian
- ❖ Sex: Male
- ❖ Language known: Bengali, English, Hindi
- ❖ Permanent address: Math Chandipur 721659, Purba Medinipur, West Bengal