SUDIPTA GHOSH

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Education

Jadavpur University	**2024 - 2027**
B.E. in Computer Science and Engineering (SGPA 7.48)(3rd year)	*Jadavpur, West Bengal*
Technique Polytechnic Institute	**2021 - 2024**
Diploma in Computer Science and Technology (CGPA 9.5)	*Hooghly, West Bengal*

Skills

Languages: *C++, Python, HTML, CSS, JavaScript, C, SQL*
Frameworks/Libraries: *Numpy,Pandas, Matplotlib, Seaborn,React.js, Tailwind CSS, MongoDB .*
Developer Tools: *VS Code, Jupyter Notebook, Google Colab, GitHub .*
Core Skills: *Data structure and algorithms, OOPs, Problem Solving, Adaptability .*

Projects

Title: *Real Estate Price Prediction Using Machine Learning.* ***Project Demo***

Description: *Developed a web-based real estate price prediction application using machine learning techniques. The application uses a Random Forest Regressor model to estimate property prices based on various features, including crime rate, zoning information, and more. Achieved final RMSE 2.87 in predicting property prices.*

Technologies: *Python, Flask, Scikit-Learn,Numpy, Pandas, HTML/CSS*

Key Achievements:

- *Developed a user-friendly web interface for input and prediction display.*

- *Preprocessed data, handled missing values, and trained the machine learning model.*

- *Evaluated model performance using RMSE and achieved impressive results.*

Implemented model saving for future use.

Achievements

* *2nd position at state level inter college coding compition TECHPHORIA-2023.*

* *2nd position in at state level entrance examination WBJELET-2024.*