KUMAR HARSH

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RESUME SUMMARY

Passionate and highly skilled professional with expertise in Data Structures, Algorithms, Deep Learning, and Database Management. Proven proficiency in Front-End development. Motivated and ready to contribute my best to challenging projects, leveraging a strong foundation in diverse technical domains for innovative solutions.

EDUCATION

- Bachelor of Technology (Computer Science), KIIT DU, Bhubaneswar 7.7 CGPA **2021-2025**
- 12th Science,Delhi Public School, Ranchi, 90% aggr. **2021**
- 10th CBSE, Delhi Public School, Ranchi, 93% aggr. **2019**

INTERNSHIP EXPERIENCE

Intern, BIT Mesra, Ranchi **2023-May to 2023-June**

- Worked on a project to predict the power generated by wind turbines using **recurrent neural networks (RNNs)** and historical wind speed data.
- Applied deep learning techniques such as **LSTM** and attention mechanisms to improve the accuracy and robustness of the prediction model.
- Implemented the model in Python using **TensorFlow and Keras libraries,** and evaluated its performance using various metrics such as **MAE, RMSE, and R2.**

PROJECT

- **Predicting Power Generated by Wind Speed using Deep Learning :**

  A project to forecast wind turbine output using a hybrid deep learning model that captures spatiotemporal correlations of wind power from meteorological data.

- **Google stock Price Prediction Using RNN :**

  This project uses Recurrent Neural Networks (RNN), specifically the Long Short-Term Memory (LSTM) variant, to predict Google's stock prices. RNNs are ideal for time-series data like stock prices due to their ability to remember past information.

TECHNICAL SKILLS

- **Language:** C, C++, Java, HTML\CSS, JavaScript, SQL
- **Platforms:** DBMS, AWS, TensorFlow, PyTorch

CERTIFICATE

- HackerRank Problem Solving (Basic)
- HackerRank Problem Solving (Intermediate)