

# Abhinaba Das

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## SKILLS

- **Languages:** C++, Python, Java, C, SQL, R programming
- **Libraries:** NumPy, Pandas, Matplotlib, Seaborn
- **Tools/Platforms:** Excel, Tableau
- **Other Skills:** Data Structure and Algorithm, Linux, LLM, HTML, CSS, JavaScript
- **Soft Skills:** Problem solving, Logical thinking, Adaptability

## TRAINING

### Cipher Schools (Edtech Company)

Jun, 24 – Jul, 24

Data Science using Python

- Conducted Exploratory Data Analysis (EDA) using NumPy and Pandas, resulting in a 20% decrease in data preprocessing duration.
- Built, trained, and assessed multiple Machine Learning models, such as Linear Regression, KNN, SVM, Decision Trees, K-Means, and Ensemble Methods with Scikit-learn, leading to a 15% average increase in accuracy.
- Applied feature engineering strategies to boost model performance by 25% for improved predictive analysis.

## PROJECTS

### Talk-AI

Oct 24 – Dec, 24

- Developed the Talk AI chatbot using the Ollama framework in Python, focused on natural language processing for human-like conversations.
- Enhanced interaction capabilities, making the chatbot suitable for virtual assistants and customer support applications.
- Ensured flexibility and adaptability for various use cases, delivering improved user engagement and conversational accuracy.

Tech: **Python programming**

GitHub Repository Link: [Abhinaba35/Talk-AI](https://github.com/Abhinaba35/Talk-AI)

### Tic-Tac-Toe

Sep 24 - Oct, 24

- Developed an interactive 3×3 grid-based game where two players take turns in real-time, with immediate updates.
- Incorporated win and draw detection, ensuring the result is displayed after each move.
- Implemented input validation to prevent players from overwriting already occupied spaces, enhancing the overall gameplay experience.

Tech: **C++ programming**

GitHub Repository Link: [Abhinaba35/Tic-Tac-Toe](https://github.com/Abhinaba35/Tic-Tac-Toe)

## CERTIFICATES

- Cloud Computing | NPTEL Nov, 24
- Data Analysis with Tableau | Coursera Nov, 24
- Object Oriented Programming with C++ | iamneo Nov, 23

## ACHIEVEMENTS

- 370+ LeetCode Problem solved
- 5 stars for Java in Hackerrank
- 5 stars for SQL in Hackerrank
- 5 stars for python in Hackerrank

## EDUCATION

- **Lovely Professional University** Punjab, India  
Bachelor of Technology  
Computer Science and Engineering | CGPA: 7.51 Sep, 22 - Present
- **Mejia High School (H.S.)** Mejia, West Bengal  
Intermediate  
PCMB | Percentage: 82 2021 - 2022
- **Mejia High School (H.S.)** Mejia, West Bengal  
Matriculation  
Percentage: 81 2019 - 2020