

RIDDHIMA PATRA

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EDUCATION

B.Tech in Mathematics and Computing, NIT Durgapur, CGPA:8.35

Aug,2024-present

BS in Data Science and Applications, IIT Madras

May,2025-present

SKILLS

Technical Skills	C, C++ , Python, DSA , Machine Learning, Pandas, Numpy, Scikit-learn, Tableau, Excel
Mathematics	Linear Algebra, Probability, Statistics
Soft Skills	Communication, Time management, Problem solving, Presentation, Research writing

EXPERIENCE

AIML Intern – IBM Edunet (Remote)

June 2025 – Present

Developed a machine learning model for house price prediction using linear regression. Engineered features from housing datasets and performed data preprocessing in Pandas. Visualized model performance and trends using Matplotlib.

PROJECTS

Stock Price Prediction Model

Built a regression-based model to forecast next-day stock prices using historical data. Engineered lag-based features to capture temporal patterns. Evaluated model accuracy and visualized trends using Matplotlib.

ACHIEVEMENTS

Reliance Foundation Undergraduate Scholarship (2024): Awarded for academic excellence and potential

Dr. B. R. Ambedkar Medha Puraskar (2022): Awarded by the Government of West Bengal for meritorious performance in the ICSE Class X Examination.

Awarded a scholarship by school (2024): Awarded for excellence in national-level entrance exams (JEE, WB-JEE, NEET).

CodeChef 2 Star: Regular participant in contests, practicing DSA and problem solving.

EXTRA-CURRICULAR ACTIVITIES

Deloitte Australia Data Analytics Job Simulation on Forage - June 2025

Completed a Deloitte job simulation involving data analysis and forensic technology .Created a data dashboard using Tableau .Used Excel to classify data and draw business conclusions.

Google Cloud Skills Boost: Earned badges in *BigQuery for Data Analysis – Level 1*, *Introduction to Generative AI*, *Prompt Design in Vertex AI*, *Responsible AI*. [View Profile](#)

IIT KGP Summer of Quant Program - June 2025

Learned basics of quant strategies, backtesting, asset modeling, ML applications.

Infosys Springboard: Enrolled in career-readiness and digital skills training program; completed courses on AI, cloud, and soft skills.

LEADERSHIP

- Leading my team of 4 "BLUE-Horizon" in the national-level space tech hackathon, Bharatiya Antariksh Hackathon 2025 organized by ISRO-affiliated bodies.Managed project planning, delegation, and final submission under tight deadlines.
- Class Representative – NIT Durgapur. Acted as liaison between faculty and students, ensuring smooth communication and coordination. Represented concerns and organized academic updates for a class of 100+ students.