

# RIDDHIMA PATRA

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## EDUCATION

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**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

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<b>Technical Skills</b>	C, C++, Python, DSA, ML, Pandas, Numpy, Scikit-learn, Matplotlib, Tableau, Excel
<b>Mathematics</b>	Linear Algebra, Probability, Statistics
<b>Soft Skills</b>	Communication, Time management, Problem solving, Presentation, Research writing

## EXPERIENCE

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**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

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**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

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**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

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**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

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- 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 Coordinator- Facilitated peer-to-peer communication, shared academic resources, and assisted in coordinating class activities and updates.