

# RIDDHIMA PATRA

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## PROFESSIONAL SUMMARY

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Highly analytical student with a strong foundation in statistics, machine learning, and data analysis. Passionate about exploring complex datasets to uncover actionable insights, build predictive models that drive business decisions, and communicate findings through compelling data storytelling.

## EDUCATION

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

*Aug,2024-May,2028*

**BS in Data Science and Applications**, IIT Madras

*May,2025-2029*

## SKILLS

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<b>Languages</b>	Python(Pandas, Numpy, Scikit-learn, Matplotlib), C/C++, SQL, Java
<b>CS Fundamentals &amp; Tools</b>	DSA, OOP, Git, GitHub, VS Code
<b>Technologies &amp; Frameworks</b>	Machine Learning, Excel, Tableau
<b>Statistics &amp; Methods</b>	Statistical Modeling, A/B Testing (Conceptual), Hypothesis Testing

## EXPERIENCE & PROGRAMS

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**AIML Intern – IBM Edunet (Remote)**

*June,2025 – July,2025*

Designed and deployed an end-to-end ML pipeline, building a high-performance XGBoost classifier that achieved 86% accuracy and demonstrating skills in the full development lifecycle of an ML system.

**Open Source Contributor — GirlScript Summer of Code (GSSoC '25)**

*July,2025 – Oct,2025*

Selected as an open-source contributor.

**IIT KGP Summer of Quant Program**

*June,2025*

Selected for a competitive program focused on applied algorithms and machine learning. Gained experience in building complex modeling systems and backtesting frameworks, focusing on system design and performance validation.

**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](#)

**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.

## PROJECTS

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**Stock Price Prediction Model**

- Developed a data pipeline to ingest and process time-series data from the Yahoo Finance API.
- Focused on creating a modular and testable codebase for a predictive analytics system, achieving 92% accuracy.

## ACHIEVEMENTS

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

**CodeChef 2 Star:** Actively solve complex algorithmic challenges and compete in programming contests, demonstrating proficiency in data structures and algorithms relevant to technical interviews.

## 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.