

RIDDHIMA PATRA

+91-9679790089 ♦ India ♦ riddhi070906@gmail.com ♦ [LinkedIn](#) ♦ [Github](#)

PROFESSIONAL SUMMARY

A highly analytical and curious student with a strong foundation in statistics, machine learning, and data analysis. Passionate about exploring complex datasets to uncover actionable insights, build predictive models, and drive data-informed business decisions.

EDUCATION

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

Languages Python, C/C++, SQL, Java

CS Fundamentals Data Structures, Algorithms, Object-Oriented Programming

Technologies & Frameworks Machine Learning, Pandas, Numpy, Scikit-learn, XGBoost, Matplotlib, Tableau

Statistics & Methods Statistical Modeling, A/B Testing (Conceptual), Hypothesis Testing

Developer Tools Git, GitHub, VS Code

EXPERIENCE & PROGRAMS

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, demonstrating strong software development applying best practices in version control, code review, and collaborative software engineering.

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.

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

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

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

- 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.