

# Shreya Paul

Salt Lake, Kolkata, India

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🌐 Shreyaa5

## Profile

CSDS Undergraduate —Machine Learning Enthusiast

## Skills

**Languages:** Python, C, Java, C#

**ML & AI:** Deep Learning, Computer Vision, Regression, Clustering, Recommender Systems

**Databases:** SQL, MongoDB

**Tools:** NumPy, Pandas, Power BI, Git

**Web Dev:** HTML, CSS, JavaScript, Figma

**Cloud:** AWS, GCP

## Education

**Techno Main Salt Lake**

*B.Tech in Computer Science & Data Science*

GPA: 8.7 / 10

**Kolkata, India**

*2021–2025*

**Aligunj Rishi Rajnarayan Balika Vidyalaya**

*Class XII, Percentage: 76%*

*2018–2019*

**Amlasuli Indranarayan High School**

*Class X, Percentage: 91.4%*

*2016–2017*

## Experience

**Feynn Labs**

*Machine Learning Intern, Remote*

*Aug 2023 – Nov 2023*

- Led a team of 5 on three data science projects focused on data modeling and preprocessing.
- Utilized Python, Pandas, NumPy, and Scikit-learn for ML workflows.

## Projects

**MelowMind:** A mental wellness system that predicts mental health status and recommends raga-based therapy. *GitHub*

**Bengali Song Mood Detector:** Performed emotion detection in Bengali songs using a custom dataset and deep learning (*GitHub*)

## Research

**2024: Exploring Selection Strategies in Music Rhythm Generation**

Published in: *ICACA 2024, Springer*. Compared Rank and Tournament selection strategies in Genetic Algorithms for musical rhythm generation.

[Springer Link](#)

## Achievements

**Hackathon:** Top 30 out of 160 teams in Smart India Hackathon – College Level.

**Research:** Published paper in Springer on Genetic Algorithm and music rhythm generation.

## Leadership & Activities

**2023–Present:** Class and Placement Representative, Department of CSEDS

**Aug–Nov 2023:** Graphics Head, Samarth – Education Club, TMSL