

# Sneha Ghosh

📍 Nabapally, Ranaghat, Nadia    ✉ snehanew2003@gmail.com    ☎ (+91) 9832178973

🌐 <https://personal-portfolio-project-fy2c.vercel.app/>    in Sneha Ghosh    🔄 SnehaGhoshNew2003

## Overview

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As a final-year B.Tech student, I am focused on deepening my knowledge in machine learning, deep learning, and AI. With hands-on experience in data science, I am eager to apply my skills to real-world challenges and contribute to innovative projects in the tech industry.

## Education

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**College of Engineering and Management, Kolaghat** 2021- 2025

*B.Tech in Information Technology*

- GPA: 8.14

**Kendriya Vidyalaya Ranaghat** 2021

*Class 12*

- Percentage: 87.4

**Kendriya Vidyalaya Ranaghat** 2019

*Class 10*

- Percentage: 85.8

## Skills

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**Technical Skills :** Python, SQL, Statistics, Probability, Linear Algebra, Calculus

**Technical Tools :** Power BI, Excel, Numpy, Pandas, Matplotlib, Scipy(Beginner), statsmodels(Beginner), Seaborn, Tensorflow, Keras

**Soft Skills :** Adaptability, Growth Mindset, Open to feedbacks, Communication Skills

## Projects

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**Yoga Pose Detection and Prediction**

[github.com/name/repo](#) 

- Developed a real-time deep learning-based system to detect and classify yoga poses from images or video frames.
- Implemented YOLO for real-time body part detection and pose localization.
- Utilized VGG16 with transfer learning for accurate classification of various yoga poses.

**Plant Disease Prediction**

[github.com/name/repo](#) 

- Developed a neural network to predict the condition of a plant from images.
- Implemented CNN and used libraries like `numpy`, `tensorflow`, `keras`, `Pillow`.

**Sentiment Analysis**

[github.com/name/repo](#) 

- Developed a neural network to predict the Sentiment of the reviews.
- Preprocessed the data using `Tokenizer` and `pad_sequences`.
- Implemented LSTM for text classification.

**Olympic Analysis**

[github.com/name/repo](#) 

- Performed data cleaning and visualisation using Exploratory Data Analysis.
- Created three sections of Medal tally, Overall Analysis, Country wise Analysis

## Dashboards

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**Hospitality Domain:** Creating a Hospitality Domain Analysis using Power BI [See it here]

**Sales Analysis:** Creating a Sales Insight using Power BI. [See it here]