

# Shruti Gupta

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## EDUCATION

B.Tech, Computer Science & Engineering 2022 - 2026  
Dr B.C Roy Engineering College , Durgapur  
Sgpa : **7.75** (till 5<sup>th</sup> sem)

Senior Secondary (XII), WBCHSE 2020 - 2022  
Nepali Para Hindi High School  
Percentage: **87.60%**

Secondary (X), WBBSE 2020  
Benachity Netaji Vidyalaya Hindi High School  
Percentage: **84.00%**

## EXPERIENCE

- **Edunet Foundation** Nov 2024 - Dec 2024  
**AI, Intern**
  - Developed a ChatBot for BCREC students ([link](#))
  - TechStack: NLP, Python, Scikit-learn, Streamlit

## PROJECTS

- Breast Cancer Detection using Machine Learning Aug 2024 – Nov 2024
  - achieved an accuracy of 98.2% using the XGBoost model.
  - used the Breast Cancer Wisconsin (Diagnostic) Dataset from the Scikit-learn library
  - HTML and CSS for creating the web interface

- Periodic Table Visualizer Jun 2024 - Jul 2024
  - Python programming language
  - Pygame module for interactive visualization
  - Pandas for data cleaning and processing

- Face Emotion Detection System Mar 2024 - Apr 2024
  - used Convolutional Neural Network (CNN) for extracting physiological signals.
  - scans a person's image via a camera to collect data.
  - provides real-time insights into emotional well-being.

## SKILLS

- Core Interests: Machine Learning, Deep Learning
- Programming languages: Python, C
- Database: SQL
- Web Development: HTML, CSS
- Python Libraries: TensorFlow, Pandas, Numpy, Scikit-learn, Matplotlib, Seaborn
- Soft Skills: Time management, Communication, Teamwork

## POSITION OR RESPONSIBILITY

- Placement Coordinator