

Neelansha Agarwal

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PROJECTS

Lung Cancer Analysis Project

- Developed a Flask web application for lung cancer prediction, utilizing scikit-learn for classification models, pandas for data manipulation, and NumPy for large dataset handling. Live [demo](#).

Car Price Prediction

- Built a car price prediction model using Linear Regression, Ridge, Lasso, Random Forest, and Gradient Boosting Regressor based on car features. Repository available at [GitHub](#).

Mask Detection Project

- Developed a mask detection system using computer vision and machine learning to identify face masks in images or videos, helping enforce mask-wearing rules and improving public safety. Repository available at [GitHub](#).

MERN Estate Website for Property Listings

- Built a full-stack MERN estate website for property listings with MongoDB, Express, React, and Node.js, featuring user authentication via Google OAuth and Firebase integration for secure data management. Live [demo](#).

EDUCATION

Bachelor of Technology in Computer Science Engineering

SRM Institute Of Science And Technology, Ghaziabad, Delhi-NCR

2021 – 2025

CGPA: 8.98/10

Class XII (CBSE)

Kendriya Vidhyalaya, Muzaffarnagar, Uttarpradesh

2021

Percentage: 86.2%

Class X (CBSE)

Kendriya Vidhyalaya, Muzaffarnagar, Uttarpradesh

2019

Percentage: 78.4%

ACHIEVEMENTS

Software Development

Tach Analogy

10/2021 – 12/2021

- Completed intensive 30-day Winter 2021 software bootcamp, excelling in web development tasks.

Artificial Intelligence with Python

Coincent from UDGAM IIT Guwahati

12/2021 – 01/2022

- Participated in "Artificial Intelligence with Python" program.

UI/UX Hackathon

ByteVerse, NIT Patna

04/2023 – 04/2023

- Participated in the UI/UX Hackathon 2023 organized by NIT Patna.

HackFest Delhi/NCR Hackathon

GeeksforGeeks

12/2023 – 01/2024

- Participated in HackFest Delhi/NCR Hackathon organized by GeeksforGeeks.

SKILLS

Languages: C++, Python, JavaScript, HTML, CSS, MySQL

Frameworks/Tools: Flask, Node.js, React.js, Express.js, Git, GitHub, VSCode, Jupyter, Firebase

Technologies: MongoDB, Machine Learning, Web Dev, Data Analysis, Power BI, Tableau, Excel, Statistics

Libraries: NumPy, Pandas, Matplotlib, TensorFlow, scikit-learn

Soft Skills: Problem-solving, Time Management, Adaptability, Teamwork

INTERESTS

Painting, Gaming, Music