

SHARON NAYAK

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ABOUT ME

- As a B.Tech student with a specialization in **Artificial Intelligence and Machine Learning**, I possess a strong foundation in Python and key data analysis tools. My experience includes developing impactful projects focused on data visualization, predictive modeling, and automation.
- As a former intern at **Semantic Climate**, I applied my skills to analyze climate data and contributed to making climate knowledge more accessible and actionable.
- I am now seeking an **entry-level analyst position** where I can utilize my proven problem-solving and analytical skills to develop data-driven solutions and advance my career.

EDUCATION

Ajay Kumar Garg Engineering College

B.tech - CGPA - 8.48

2022 – 2026

Ghaziabad, Uttar Pradesh

Ryan International School

12th Boards - Percentage - 90%

2022

Noida Extension, Uttar Pradesh

Ryan International School

10th Boards - Percentage - 95%

2020

Noida Extension, Uttar Pradesh

COURSEWORK / SKILLS

- | | | | |
|--------------------|------------------|-------------------------------------|--|
| • OOPS Concepts | • Python | • Database Management System (DBMS) | • Data Structures & Algorithms in Python |
| • Machine Learning | • Data Analytics | | |

PROJECTS

Python Projects 📁 | *Python, OOPS Concept, JSON, Tkinter, Python Libraries (Still Ongoing)*

- Various Python Projects from simple to complex
- Projects like - Pomodoro Timer, Snake Game, Password Manager and more
- [GitHub Repository](#)

Air Quality Data Analytics 📁 | *Machine Learning, Power BI, MS Excel (Still ongoing)*

- Utilized Power BI to design an interactive dashboard for visualizing air quality trends across regions.
- Built and evaluated a machine learning model(FB Prophet) to forecast future air quality levels, improving predictive understanding and decision-making.
- Cleaned and preprocessed large datasets using Microsoft Excel.
- [Live GitHub Repository](#)

LinkedIn Job Market Analysis 📁 | *Power BI, Power Query, DAX (Complete Project)*

- Built a Dashboard using Power BI.
- Focus was "Unveiling Trends in the LinkedIn Job Market", what are the skill and role demand in today's scenario.
- [GitHub Repository](#)

Image Classification 📁 | *CNN, Tensorflow, Keras (Complete Project)*

- Classification of images by the CNN Algorithm
- Cats vs Dogs Image Classification.
- Understanding about Overfitting and overcoming it by different methods - Batch Normalization and Dropout.
- [GitHub Repository](#)

INTERNSHIP

SemanticClimate [!\[\]\(529949c2c3dadbaa4e538e8c643454bc_img.jpg\)](#)

December 16, 2024 – March 10, 2025

Climate Informatics(Research Intern)

Remote Internship

- * **Domain focus:** All tasks apply computational methods to climate science documents.
- * **Core techniques:** NLP, semantic web/linked data, and graph analytics—hallmarks of informatics.
- * **Objective:** Making climate knowledge discoverable, interoperable, and actionable—key aims of Climate Informatics.
- * **My Work in Internship:** GitHub Repository

TECHNICAL SKILLS

Languages: Python, HTML,CSS, JavaScript, C, Java

Tools: VS Code, Power BI, Project Jupyter, spyder, Pycharm, MS Excel, MS Powerpoint, Google Colab, Canva

Frameworks: GitHub, Tkinter, Git, Flask, Tensorflow, Keras, Scikit-learn

EXTRACURRICULAR

TEDX [!\[\]\(6a9b39b98eb945faa14c645ec99e4eaa_img.jpg\)](#)

03 April 2025

Attended

Ghaziabad

- * Participation Certificate. [!\[\]\(5a0d662075632df1b39c9e3427a70093_img.jpg\)](#)

SCROLLS'24

08 May 2024

Attended

Ghaziabad

- * SCROLLS is Students' Creative and Oratory Learning Skills, National-level Technical Paper writing cum presentation competition.

CERTIFICATIONS

- Data Analytics - IBM
- Machine Learning - IITK
- ML with scikit-learn
- Python Programming