Shivani Sharma

Greater Noida | manrek.shivani8@gmail.com | +91-8439952593 | linkedin.com/shivanisharma

github.com/Shivani0618

Professional Summary

Motivated 2nd-year student skilled in Python, Java, SQL with a strong interest in Artificial Intelligence and Machine Learning. Possesses a solid understanding of data science fundamentals and machine learning concepts, including supervised, unsupervised, and reinforcement learning. Involved in projects that demonstrate practical application of these skills. Seeking opportunities to expand my skills and gain practical experience in the field of AI and machine learning.

Education

Sharda University, Bachelor of Technology - Computer Science Engineering in Artificial Intelligence and Machine Learning — Greater Noida, India (*Aug 2023 - Apr 2027*)
- GPA: 8.68 (2nd year, 2025)

Gargi Girls' School, Higher Secondary (12th) - CBSE — Meerut, India (*2022*)
- Percentage: 91.00

Gargi Girls' School, Secondary (10th) - CBSE — Meerut, India (*2020*)
- Percentage: 90.16

Skills Summary

- **Programming Languages:** Python, Java, SQL
- **Machine Learning:** Supervised Learning, Unsupervised Learning, Reinforcement Learning, Data Analysis, Model Evaluation
- **Data Science:** Data Preprocessing, Data Visualization
- **Frameworks:** Scikit-learn, TensorFlow, Pandas, NumPy, Keras, Matplotlib
- **Soft Skills**: Time Management, Logical Thinking, Active Listening, Teamwork, Adaptability

Projects

Weather Notifier
- Developed a weather notification application using a weather API to retrieve real-time weather data.
- Demonstrated proficiency in API integration by utilizing a weather API - OpenWeatherMap to fetch weather information, task scheduling (schedule), threading, and cross-platform development with plyer and pync.
- Improved user experience by providing timely and location-specific weather alerts, allowing for better planning.
- Challenges Overcome:Handling API rate limits and ensuring reliable data retrieval.
- Tools Used: Python

Diabetic Retinopathy Detection
- Developing a model to detect diabetic retinopathy from retinal images using transfer learning techniques.
- Aiming to improve early detection of diabetic retinopathy, potentially preventing vision loss.
- Demonstrating proficiency in image classification, transfer learning, and model optimization.
- Tools Used: Python, TensorFlow, Keras, PyTorch, Pre-trained Model

Certifications

3-Day SQL Basics Course, Newton School
- Demonstrated exemplary knowledge and skills in various aspects of SQL.
- Completion Date: March 13, 2025

Java Foundations, Oracle Academy
- Covering Java fundamentals including: Java Overview, Arrays, Conditions and Loops, Classes and Objects, Exception Handling, and Object-Oriented Programming (OOP).
- Completion Date: November 3, 2024