Princy Diana M

✉ princydiana005@gmail.com 📞 +91 7022056797 📍 Bangalore , India

in LinkedIn 🔘 GitHub

Profile

Motivated Artificial Intelligence and Machine Learning undergraduate (3rd year, B.E.) with a strong interest in applying data-driven solutions to real-world problems. Actively building technical skills through academics, hands-on learning, and continuous self-improvement.

Education

Artificial Intelligence and Machine Learning,   2023 — Present | Bangalore , India
Aditya College of Engineering and Technology
Studying Artificial Intelligence and Machine Learning with a strong focus on Python, data structures, and algorithms. Gained hands-on experience through academic projects.

Pre - University Course,   2021 — 2023 | Bangalore,India
Bishop Cotton Women's Christian Independent PU College
Opted Course - PCMC

Secondary School, *St Charles High School*   2018 — 2021 | Bangalore,India

Primary & Middle School,   2012 — 2018 | Bangalore,India
Holy Angels Higher Primary School

Languages

English **Malayalam** **Kannada** **Tamil**

Skills

- API Integration
- Data Processing And Analysis
- Python Programming
- Machine Learning(Basics)
- Web Application Development
- Problem Solving
- Logical Reasoning
- Decision making

Projects

Air Quality Index (AQI) Predictor,   10/2025 – 11/2025
Data Analysis and Machine Learning Project
- Built an Air Quality Index (AQI) prediction system using real-time data fetched through an API key.
- Integrated live weather and air quality data for four selected cities and displayed results on a web interface.
- Enabled city-based selection (e.g., Bengaluru) to retrieve current data and predict AQI instantly.
- Implemented functionality to store the history of fetched data for future reference and analysis.
- Added an option to download the stored data for further use and reporting.
- Developed backend logic in Python to process API responses and generate accurate AQI predictions.

Courses

Data Analytics with Python, *IIT Roorkee*   01/2026 – 04/2026 | Bangalore, India
Currently undergoing training in "Data Analytics with Python" by IIT Roorkee, focusing on data cleaning, visualization, and analytical techniques using Python

Interests

- Aptitude
- Logical Reasoning
- Puzzles
- Planning travel Itineraries
- Singing