

Aishwarya Verma

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SUMMARY

A dedicated B.Tech student in Computer Science, focusing on AI & ML, with a strong foundation in Python, data analysis, and model deployment. I have practical experience building and deploying machine learning models and NLP applications, including a sentiment analysis web app with user authentication and an Iris species classifier with a Streamlit interface. I am proficient in a range of tools and libraries, including Scikit-learn, Flask, and spaCy.

EDUCATION

Vellore Institute of Technology, Bhopal

B.Tech in Computer Science (AI & ML)

CGPA - 8.73

Sep 2023 – Present

Ryan International School, Noida

Class 12 (CBSE)

Percentage - 87%

2022 – 2023

Ryan International School, Noida

Class 10 (CBSE)

Percentage - 91%

2020 – 2021

TECHNICAL SKILLS

Programming: Python, C++, SQL

Machine Learning: Scikit-learn, Logistic Regression, NumPy, Pandas

NLP: NLTK, spaCy, TextBlob

Web Development: Flask, Streamlit, HTML/CSS

Tools: Git, GitHub, VS Code, Jupyter Notebook

PROJECTS

Iris Species Classifier

Machine Learning Web App

Python, Scikit-learn, Streamlit

- Developed Logistic Regression model with 97% accuracy on Iris dataset
- Created interactive Streamlit interface with real-time prediction visualization
- Implemented data preprocessing pipeline using StandardScaler
- [🔗 Code](#) | [🔗 Project Link](#)

Sentiment Analysis Web App

NLP Application

Python, Flask, TextBlob

- Built full-stack web application with user authentication system
- Implemented sentiment analysis and NER features using TextBlob and spaCy
- Designed responsive UI with Jinja2 templates
- [🔗 Code](#)

CERTIFICATIONS

Python for Data Science & ML

Jose Portilla

Udemy

May 2023

- [View Certificate](#)

Summer Analytics

Data Science Program

IIT Guwahati

May 2022

- [View Certificate](#)