Aishwarya Verma

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LeetCode: aishwaryaverma706

Summary

Computer Science undergraduate specializing in AI & Machine Learning, with hands-on experience developing automation, machine learning, and NLP solutions. Skilled in Python, data analysis,model testing and validation, and deploying user-facing ML applications. Strong interest in applying AI to improve operational efficiency, reduce manual effort, and support data-driven decision-making in real-world environments.

Education

Vellore Institute of Technology, Bhopal — CGPA: 8.79
B.Tech in Computer Science (AI & ML) — *Sep 2023 – May 2027*

Ryan International School, Noida — 87%
Class XII (CBSE) — *2022 – 2023*

Ryan International School, Noida — 90.6%
Class X (CBSE) — *2020 – 2021*

Technical Skills

Programming Languages: Python, C++, SQL

Machine Learning: Linear Regression, Logistic Regression, Scikit-learn

Data Analysis: NumPy, Pandas, Matplotlib, Seaborn

Tools & Technologies: Streamlit, HTML/CSS, Git, GitHub, VS Code, Jupyter Notebook

Projects

Iris Species Classifier
Machine Learning Web Application — *Python, Scikit-learn, Streamlit*

- Built a Logistic Regression model achieving 97% accuracy with feature scaling using StandardScaler
- Developed an interactive Streamlit interface enabling real-time predictions for non-technical users
- Automated manual classification through ML-based decision support
- Focused on automation, accuracy improvement, and usability for real-world operational workflows
- GitHub Code | Live App

Sentiment Analysis Web App
NLP Application — *Python, Flask, TextBlob, spaCy*

- Built a full-stack NLP web application for sentiment analysis and named entity recognition
- Analyzed unstructured text to extract insights supporting operational and investigative use cases
- Designed clear, user-friendly interfaces using Jinja2 templates
- GitHub Code

Certifications

Python for Data Science & Machine Learning
Udemy — Jose Portilla — *May 2023*

View Certificate

Summer Analytics
IIT Guwahati — *May 2022*

View Certificate