

# Aishwarya Verma

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LeetCode: aishwaryaverma706    CodeChef: gam\_joke\_23

## SUMMARY

I am a Computer Science undergraduate with a strong focus on data structures, algorithms, and problem solving. I have solved 150+ DSA problems across arrays, strings, trees, graphs, dynamic programming, and greedy techniques, and achieved a global rank of **1251** in LeetCode contests and **1037** in CodeChef contests. I consistently design optimized solutions by analyzing time and space complexity and handling edge cases using sound engineering principles. I apply this algorithmic thinking while building software projects, and continuously strengthen my core computer science fundamentals.

## EDUCATION

<b>Vellore Institute of Technology, Bhopal</b> <i>B.Tech in Computer Science (AI &amp; ML)</i>	CGPA - 8.73 Sep 2023 – Present
<b>Ryan International School, Noida</b> <i>Class 12 (CBSE)</i>	Percentage - 87% 2022 – 2023
<b>Ryan International School, Noida</b> <i>Class 10 (CBSE)</i>	Percentage - 91% 2020 – 2021

## TECHNICAL SKILLS

**Core Computer Science:** Data Structures, Algorithms, Object-Oriented Programming, Complexity Analysis

**Programming Languages:** C++, Python, SQL

**Problem Solving & Competitive Programming:** LeetCode (Global Rank: 1251), CodeChef (1037), 150+ DSA problems solved across arrays, strings, trees, graphs, DP, and greedy techniques

**Machine Learning & Data Analysis:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, TextBlob, spaCy, NLP pipelines

## 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](#)