

Riya Agarwal

B.Tech. Computer Science (2026) · Aspiring Data Scientist

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CAREER OBJECTIVE

Final-year B.Tech. student in Computer Science with a strong base in machine learning and data analysis. Built four end-to-end projects and completed two internships. Looking for a graduate role as a data scientist or ML engineer.

EDUCATION

B.Tech., Computer Science and Engineering	2022 – 2026
<i>Malwa Institute of Technology, Indore</i>	
CGPA 8.74 / 10 (till 7th semester); Department rank 3	
Class XII (CBSE) — PCM	2022
<i>Sunrise Public School, Indore</i>	
94.2%	
Class X (CBSE)	2020
<i>Sunrise Public School, Indore</i>	
96.4%	

INTERNSHIPS

Data Science Intern	May – Jul 2025
<i>Northwind Analytics, Bengaluru (remote)</i>	
- Built a churn model (XGBoost) on 2 lakh customer records; AUC 0.87, now used in monthly reviews. - Automated a weekly sales report in Python, saving the team 6 hours a week.	
Research Intern	Jun – Jul 2024
<i>Westbridge Institute of Science (summer programme)</i>	
Compared text classifiers for Hindi news headlines; co-authored a workshop paper.	

ACADEMIC PROJECTS

Crop-price forecaster	2025 – 2026
<i>Final-year project · Python, Prophet, Streamlit</i>	
Forecasts weekly mandi prices for 12 crops with 8% mean error; deployed as a web app.	
Sign-language alphabet recogniser	2024
<i>Mini project · PyTorch, OpenCV</i>	
CNN recognises 26 hand signs at 95% accuracy from a laptop webcam.	
Campus lost-and-found app	2023
<i>Team of 3 · React, Firebase</i>	
Used by 1,200 students; won 2nd prize at the college hackathon.	

PUBLICATIONS

Agarwal, R., Rao, S., & Menon, V. (2024). Comparing lightweight classifiers for Hindi news headlines. *Proceedings of the Student Workshop on Indian Language Computing*, pp. 41–46.

CERTIFICATIONS

- Machine Learning Specialisation (online, 2024)
- SQL for Data Analysis (online, 2023)
- NPTEL: Data Structures and Algorithms in Python — Elite (2023)

AWARDS & ACHIEVEMENTS

- 2nd prize, inter-college hackathon "CodeUtsav" (2023)
- Merit scholarship for top 5% of the batch (2023, 2024)
- Finalist, state-level data science challenge (2025)

POSITIONS OF RESPONSIBILITY & ACTIVITIES

- Technical Head, Coding Club (2024–25): organised 8 workshops and a 24-hour hackathon for 300 students
- Volunteer teacher, weekend maths classes for Class 8 students at a local NGO (2023–present)
- Member, college basketball team; inter-college runners-up (2024)

SKILLS

Programming: Python, C++, SQL, JavaScript

ML & Data: scikit-learn, PyTorch, pandas, NumPy, Power BI

Tools: Git, Jupyter, Streamlit, Linux

Languages: English, Hindi (native)

INTERESTS & HOBBIES

Basketball, sketching, and writing a blog on beginner-friendly data projects.

REFERENCES

Dr. S. Kulkarni

Professor & Head, Dept. of CSE, Malwa Institute of Technology
s.kulkarni@college.edu

Mr. A. Nair

Lead Data Scientist, Northwind Analytics
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DECLARATION

I hereby declare that the information given above is true and correct to the best of my knowledge and belief.

Place: Indore

Date: _____

(Signature)

Riya Agarwal