

# Ankan Chakraborty

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## Summary

Final-year Computer Science and Engineering (Data Science) student graduating in 2026. Skilled in Python, Machine Learning, and Computer Vision with experience in real-world projects. Quick learner with strong problem-solving and teamwork abilities.

## Technical Skills

**Languages:** C, Java, Python

**ML & CV:** Machine Learning, Deep Learning, SSD, YOLO

**Web:** HTML, CSS

**Databases & Tools:** SQL, DBMS, AWS, Git, OpenCV

## Projects

### Hand Sign Recognition (SSD & YOLO)

- Built a real-time hand sign recognition system using deep learning object detection models.
- Trained SSD and YOLO on custom datasets and evaluated using precision, recall, and F1-score.

### Student Performance Analysis (Machine Learning)

- Predicted student performance using regression and decision tree models in Python.

### Caf Aroma Menu Card — Live Link

- Designed a responsive digital menu using HTML and CSS with mobile compatibility.

## Experience

- Academic experience in ML, data analysis, and web development projects.
- Worked with AWS, Git, debugging tools, and data visualization.

## Education

**B.Tech in CSE (Data Science)**, MCKV Institute of Engineering

2022–2026

CGPA: 6.59

**12th**, Ramakrishna Mission Shilpavidyalaya

2022 — 75.80%

**10th**, Garalgacha High School

2020 — 38.71%

## Additional

**Languages:** Bengali, Hindi, English | **Interests:** Fitness, Bike Riding