JAY JOSHI

B.Tech Computer Science & Engineering **|** Artificial Intelligence

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GitHub:github.com/gaminbhoot **| Portfolio:** https://www.gaminbhoot.online

PROFESSIONAL SUMMARY

B.Tech Computer Science student specializing in Artificial Intelligence and Data Science, with experience in machine learning, computer vision, and data analysis. Hands-on with Python, OpenCV, YOLO, and Scikit-learn across academic and project work. Quick learner with strong fundamentals in software development and analytics.

TECHNICAL SKILLS

Programming: Python, C++, Java, SQL

Data Science & ML: Pandas, NumPy, Scikit-learn, Model Evaluation, Data Preprocessing

Computer Vision: OpenCV, YOLOv8, Deep SORT

Tools: Git, GitHub, Docker, VS Code, MATLAB

PROJECTS

- Real-Time Object Detection and Tracking System
- Built an end-to-end computer vision pipeline using YOLOv8 and Deep SORT for real-time motion detection and tracking.
- Developed a Flask-based interface for visualization and optimized inference for near realtime performance.

Additional Projects

- Developed multiple responsive web applications as part of academic and independent work.

- Built and integrated a computer vision–based motion detection system using YOLOv8 for realtime object detection and tracking.

EDUCATION

Amity University, Noida - B.Tech Computer Science & Engineering (AI), 2023–2027

Indian Institute of Technology Guwahati - Minor in Data Science, 2025–2026 **Vishwa**

Bharati Public School (CBSE)- Class XII, 2023

CERTIFICATIONS

NPTEL - Python for Data Science

Cisco Networking Academy- CCNA: Introduction to Networks