

# JAY JOSHI

B.Tech Computer Science & Engineering | Artificial Intelligence

**Phone:** +91-7302365820 | **Email:** jay05.joshi@gmail.com | **GitHub:**github.com/gaminbhoot

## 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 real-time 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 real-time 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