

Shivang Paliwal

Bennett University, Greater Noida, Uttar Pradesh, India

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Website: 3D Portfolio Website

LinkedIn: LinkedIn Profile

GitHub: GitHub Profile

Education

B.Tech in Computer Science and Engineering (Artificial Intelligence)

Bennett University, Greater Noida, Uttar Pradesh, India

2023 – Present

Current CGPA: 7.5

Relevant Coursework:

- Data Structures and Algorithms
- Machine Learning
- Artificial Intelligence
- Deep Learning
- Computer Vision

Research Interests

- Artificial Intelligence (AI)
- Machine Learning (ML)
- Deep Learning
- Natural Language Processing (NLP)
- Computer Vision

Skills

- **Machine Learning:** Skilled in developing, training, and implementing machine learning models.
- **Front-End Development:** Proficient in Next.js, React Native, and Flutter.

Projects

- **God's Eye:** Developed a web application that monitors video streams from IP cameras to detect violence against women. The system sends real-time alerts with frame images, location, and timestamp to WhatsApp and Telegram for enhanced safety.
- **CoalTrack:** Created an application to track coal shipments across different transportation modes. Integrated models to maximize coal supply chain efficiency.
- **FoodDonor:** Built a web platform enabling users to donate food and money, with blockchain integration for cryptocurrency donations.
- **AI-Based Traffic Management System:** Designed and implemented an AI system using reinforcement learning to optimize city traffic signal timings.
- **Bennett University Hackathon 2023 Winner:** Awarded for developing an AI-powered coal monitoring and tracking system.

References

Available upon request.