

# ANUJ KUMAR SINGH

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## CAREER OBJECTIVE

Aspiring AI and Data Science student with a strong foundation in machine learning, web development and practical problem-solving through hands-on projects. Eager to apply my skills to impactful real-world projects and internship opportunities.

## SKILLS

**Languages:** Python, C, Core Java, JavaScript, HTML/CSS

**Technologies:**

- Machine Learning
- Deep Learning
- Prompt Engineering
- Natural Language Processing (NLP)
- Computer Vision (YOLO, OpenCV)
- **Data Structures & Algorithms** 🔗

**Frameworks:** Flask, Bootstrap, Frontend (HTML/CSS/JS), Streamlit (for building AI apps)

**Tools:** GitHub, VS Code, Jupyter Notebook, Linux OS

## EDUCATION

- **Bachelor of Computer Applications (DS & AI)** *SGPA: 7.8* **Aug 2024 – May 2027**  
*Gopal Narayan Singh University, Jamuhar*
- **Higher Secondary School (12th)** *Percentage: 74.6%* **Sept 2022 – Jan 2024**  
*Shershah College, Sasaram*

## PROJECTS

- **Attendance System for Multi-Class Handling** 🔗 **Feb 2025 – Mar 2025**  
*Python, OpenCV, face\_recognition, Flask, HTML, CSS, JS, Bootstrap, JSON*
  - Developed a real-time face recognition system to automate attendance tracking, classifying individuals as Teacher/Student/Unknown and verifying class teachers before initiating attendance marking.
  - Implemented a timetable-based session manager with integrated camera control to manage live streaming and recording, reducing manual effort by 90%.
  - Designed a user-friendly web dashboard for managing profiles, uploading timetables, and monitoring live streams — supporting multi-class setups with real-time insights.
- **Multi-Language Vocabulary Learning System** 🔗 **May 2025 – Jun 2025**  
*Python (Flask), JS, HTML/CSS, Google Translate, gTTS, Web Speech API, Bootstrap, JSON*
  - Designed an interactive tool to help users learn vocabulary with multi-language support and audio playback. Integrated APIs for translation, speech-to-text, and pronunciation.
  - Engineered a web interface featuring vocabulary management, audio playback, and language translation using the Google Translate API and gTTS, reducing user query resolution time by 60% and increasing platform engagement.

## ACHIEVEMENTS

- **1st Runner-Up, Technovate 1.0 – IBM Day 2025** 🔗 **10 & 11 Feb 2025**
  - Awarded by IBM and Cognitel at GNSU for developing a chatbot that addressed a real-world problem.
- **Senior Participant, Techphilia 8.0 Hackathon - Amity University Patna** 🔗 **22 Apr 2025**
  - Participated as Team Leader, using strategic thinking and project planning to develop an AI-powered energy optimization system that forecasts consumption and promotes sustainability.

## SOFT SKILLS

- Team Coordination
- Strategic Thinking
- Project Planning & Delivery
- Quick Learning of New Technologies

## CERTIFICATES

- **Utkranti - Catalyst Kaksha Program – Participant** 🔗
  - Hands-on workshop on “Idea to Business Plan” organized by IIT Mandi Catalyst at GNSU in Sasaram.
- **Front End Technologies – IBM Career Education Program** 🔗