

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)** *CGPA: 8.12* **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, timetable-based session manager with integrated camera control, classifying individuals as Teacher/Student/Unknown and verifying class teachers before initiating attendance marking.
 - Designed a user-friendly web dashboard for managing profiles, uploading timetables, and monitoring live streams — supporting multi-class setups with real-time insights. Reducing manual effort by 90%.
- **GenieTalk – Interactive AI Guide and chatbot** 🔗 **Apr 2025 – May 2025**
Streamlit, google-generativeai, SpeechRecognition, pyttsx3, PyPDF2, googletrans
 - Developed a multifunctional AI chatbot capable of handling voice communication, file input, language translation, and adaptive task modes for coding assistance, emotional support, resume review, math problem solving, text summarization, and AI/ML tutoring.
- **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**
 - Led a team to develop an AI-powered energy optimization system that predicts consumption patterns, minimizes energy waste, and promotes sustainability by providing actionable recommendations for efficient energy use.
- **Attend the IBM Immersion Program 2025 at the IBM BCS Building, Kolkata** 🔗 **6 & 7 Feb 2025**
 - Explored AI, frontend development, data visualization, chatbot, problem-solving and gaining industry insights.

SOFT SKILLS

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

CERTIFICATES

- **Utkranti - Catalyst Kaksha Program – Participant** 🔗 - “Idea to Business Plan” organized by IIT Mandi Catalyst.
- **Front End Technologies – IBM Career Education Program** 🔗