

SANKATE SAXENA

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PROFESSIONAL SUMMARY

I am a motivated and detail-oriented Final year BTech Computer Science student at Amity University Noida, with a strong passion for Artificial Intelligence and its real-world applications. Skilled in Python, data analysis, and foundational machine learning algorithms, with hands-on experience through academic projects and online courses. Eager to apply problem-solving abilities and continuously expand AI knowledge through internships and collaborative opportunities.

WORK EXPERIENCE

Ericsson, Gurugram | Cloud Engineer Intern

July-Aug 2025

- Developed a foundational understanding of cloud computing concepts, infrastructure, and deployment model.
- Gained hands-on exposure to cloud service models, including SaaS, PaaS, IaaS, and CaaS, and their enterprise applications.
- Assisted in understanding public and private cloud environments, deployment strategies, resource management, and cloud operations.

Jabsz Gaming Studio LLP, Gurugram | Web Development Intern

May-July 2025

- Developed a React Native dice-betting game ("Dice Duel") with roll simulation, prediction logic, and result evaluation.
- Integrated betting systems, 2x/4x multipliers, and prediction logic to drive probability-based outcomes and boost user engagement

TECHNICAL SKILLS

- Programming Languages: Python, C++, SQL
- Libraries/Frameworks: TensorFlow, Keras, OpenCV, Pandas, NumPy, Matplotlib, NLTK, Chainlit, LangChain, OpenAI, Flask, Fast API's
- Tools: N8N, VS Code, MySQL, PowerPoint, Docker
- Concepts: DSA, LLM's, Agentic AI, RAG, CNNs, RNNs, Transformers, Word Embeddings, Image Classification, Text Classification, Sentiment Analysis, Transfer Learning, Attention Mechanisms, Real-Time ML Inference, Tokenization, Feature Engineering.

EDUCATION

Amity University | Noida, Uttar Pradesh

7.57 CGPA

B.Tech. (Computer Science Engineering) | 2022-PRESENT

ST FRANCIS COLLEGE | Lucknow, Uttar Pradesh

83%

ICSE Secondary Examination|2022

PROJECTS

- **On-Device Multi-Agent Behaviour Based Anomaly & Fraud Detection System** | Python, TensorFlow, PyTorch, Scikit-Learn,
 - Designed a privacy-preserving multi-agent system performing all computations and model updates fully on-device, without external data sharing.
 - Implemented continuous learning models to analyze behavioral patterns (typing, app usage, movement) and flag fraud indicators like spoofing via anomaly detection.
- **Data Collection & Analytics** | Python, NumPy, Pandas, Scraper Class
 - Built a custom web scraping system in Python using NumPy and Pandas to extract, parse, and transform structured data from dynamic web sources.
- **Context Aware Conversational AI For Customer Support** | Python, Chainlit, Hugging Face, FastAPI, Whisper, Lava
 - Built a context-aware, multi-turn chatbot leveraging intent recognition, entity extraction, and dialogue state tracking for customer support.
 - Fine-tuned Hugging Face transformer models on annotated datasets and integrated a Flask/FastAPI backend with a Chainlit frontend for real-time interaction.

CERTIFICATIONS

- NPTEL: Body Language – Key to Professional Aug-Sep 2024
- NPTEL: Python for Data Science Jan-Feb 2024
- Python for Data Science – O-Level May-Jul 2024
- Data Analytics-Forage May 2025

PARTICIPATIONS AND VOLUNTEER

- Cyber-Cup 2024 – Amity University, Noida
- Volunteer – Kind Beings -Ngo