

Sanket Kumar Kar

+91-8076634588 | sanketkumarkar@gmail.com | www.linkedin.com/in/sanketkumarkar

Objective

Dedicated B.Tech student specializing in Artificial Intelligence and Machine Learning with hands-on experience in real-world projects. Seeking opportunities to leverage my technical skills and passion for AI/ML to contribute to innovative and challenging projects in a dynamic organization.

Education

Program	Institution/Boards	%/CGPA	YEAR
B.Tech CSE(Artificial Intelligence and Machine Learning)	Vellore Institute of Technology ,Chennai	9.5	2028
Higher Secondary CBSE	Gurukul The School, Ghaziabad	91.2	2024
Secondary School CBSE	Gurukul The School, Ghaziabad	94.2	2022

Work Experience

Software Intern

Cognizance, Chennai
July, 2028– December, 2028

- Developed and deployed machine learning models to enhance data analysis processes.
- Assisted in creating algorithms for predictive analytics and data mining.
- Collaborated with senior developers to design and implement scalable solutions.

Technical Intern

Mold Masters, Ooty
June, 2027 – July, 2028

- Contributed to the development of an AI-driven recommendation system.
- Analyzed datasets to identify trends and improve system accuracy.
- Participated in team meetings to discuss project progress and technical challenges.

Projects

AI-Powered Chatbot

- Developed a conversational AI chatbot using Natural Language Processing (NLP) techniques.
- Implemented in Python with libraries like NLTK and TensorFlow.
- Improved user interaction and response accuracy through iterative testing and training.

Image Classification System

- Created an image classification model using Convolutional Neural Networks (CNN).
- Utilized TensorFlow and Keras for model development and training.
- Achieved a classification accuracy of 92% on the validation dataset.

Predictive Analytics for E-commerce

- Designed a predictive model to forecast sales trends using time-series analysis.
 - Leveraged machine learning algorithms like ARIMA and LSTM for predictions.
 - Enhanced decision-making capabilities for inventory management.
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Co-Curricular Activities

- Member of the AI and ML Club at VIT, Chennai.
 - Participated in Hackathons and coding competitions, securing top positions in BITWARS.
 - Volunteered for tech workshops and seminars as a coordinator in many events such as Techn VIT, Voyage, Vibrance
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Technical Skills

- **Programming Languages:** Python, Java, C++
 - **Libraries/Frameworks:** TensorFlow, Keras, scikit-learn, NLTK
 - **Tools:** Jupyter Notebook, Git, Docker, Visual Studio Code
 - **Database Management:** MySQL, MongoDB
 - **Operating Systems:** Windows, Linux
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Achievements

- **Best Paper Award** at International Conference on Big Data and Artificial Intelligence and IoT (ICBDAIT), Chidambaram, India, 2027 for research on AI-based predictive models.
- **Winner** of Ideathon, 2026 for developing an innovative AI solution.
- **Top Performer** in BCSE Python with a distinction grade.

Extra-Curricular Activities

- Active member of the university's coding club and tech forums.
- Organized and participated in workshops on AI and ML for undergraduates.
- Enthusiastic about participating in community service and outreach programs.

Personal Details

- **Date of Birth:** 26th June, 2006
- **Nationality:** Indian
- **Languages Known:** English, Hindi, Oriya

Declaration

I hereby declare that the information provided above is true and accurate to the best of my knowledge. I understand that any false information may lead to disqualification from consideration for employment.

Date: 18th December, 2028

Place: Chennai

Signature:

A handwritten signature in black ink that reads "Sanket". The signature is stylized with a long horizontal stroke extending to the right.

Sanket Kumar Kar