

ANKITA

Machine Learning Engineer | Data Scientist

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LinkedIn | GitHub | Kaggle

SUMMARY

Computer Science student specializing in **Machine Learning** and **Deep Learning**, with hands-on experience in building end-to-end AI systems including sentiment analysis and image captioning. Skilled in **Python**, **TensorFlow**, and **Transformer-based models**, with experience in deploying applications using **Django** and **Streamlit**.

ACHIEVEMENTS

Qualified **GATE 2026** (Computer Science) with a score of **438**.

EDUCATION

Himachal Pradesh Technical University, Hamirpur

Oct 2021 – May 2025

B.Tech in Computer Science and Engineering (AI & ML)

- **GPA:** 8.43 / 10.0
- **Coursework:** Data Structures, Algorithms, Artificial Intelligence

TECHNICAL SKILLS

Languages: Python, SQL, C++

ML / DL: Regression, Classification, CNN, RNN, Transformers

Frameworks: TensorFlow, PyTorch, Hugging Face

Tools: Docker, Git, MySQL, Power BI, Flask, Django, Streamlit

EXPERIENCE

AI / ML Intern

Sensation Software Solution Pvt Ltd, Mohali

Jan 2025 – May 2025

- Performed **hyperparameter tuning** to improve model performance
- Assisted in building **data pipelines** for preprocessing and training
- Worked on deploying **ML models** on cloud-based platforms

Junior AI Engineer

Hustle AI Solutions – Remote

May 2025 – Aug 2025

- Implemented **model optimization techniques** to reduce inference time
- Improved efficiency of ML models for **real-world deployment**

PROJECTS

CaptionGen – AI Image Caption Generator

Jan 2025 – May 2025

Python, CNN-LSTM, Django, TensorFlow, Flickr8k

- Developed image captioning system using **CNN-LSTM architecture**
- Trained on **Flickr8k dataset**
- Built backend using **Django** for real-time image upload and caption generation
- Evaluated using **BLEU score** and improved caption quality through preprocessing

Personalized Interview Question Generator Using Transformer

Apr 2025

Python, Transformers, Streamlit, Hugging Face

- Developed app using **Streamlit** and **Hugging Face Transformers**
- Generated **dynamic interview questions** based on user-defined tech stacks