

ANIKET KUMAR SINGH

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ABOUT ME

Aspiring **Machine Learning Engineer** with experience in **PyTorch-based deep learning** and **NLP systems**. Strong background in building end-to-end ML pipelines and deploying models for real-world applications.

EDUCATION

Thapar Institute of Engineering and Technology (TIET)

Master of Computer Applications (CGPA: 8.4)

Patiala, India

Aug 2024 – Present

Echelon Institute of Technology

Bachelor of Computer Applications (CGPA: 8.38)

Faridabad, India

Sep 2020 – Dec 2023

Vidya Mandir Public School

Class 12 (Percentage: 77.83%)

Faridabad, India

2019

INTERNSHIP EXPERIENCE

MyClnQHealth

Frontend Developer Intern

Remote

Mar 2024 – Jul 2024

- Developed responsive UI components using React.js and Tailwind CSS.
- Integrated PayU payment gateway and resolved major UI/UX issues.
- Collaborated in Agile teams using Figma and Jira.

SKILLS

Languages: Python, SQL, C++

ML/DL: PyTorch, Transfer Learning

Data: NumPy, Pandas

Web: React.js, JavaScript, Tailwind CSS

Tools: Git, GitHub, Jira

PROJECTS

Law Hybrid RAG Chatbot (Indian Law)

GitHub

2025

- Built a hybrid RAG system using BM25 + FAISS for Indian legal texts.
- Added contextual filtering and cross-encoder reranking for precision.
- Fine-tuned Mistral-7B using QLoRA for legal-domain QA on Colab.

DEVision – Driver Gaze Estimation System

GitHub

2025

- Built a multi-modal gaze estimation system using PyTorch Lightning.
- Fused driver, face, eye, and landmark features for robust prediction.
- Evaluated using angular and pixel location error metrics.

IMDB Sentiment Analysis (LSTM)

GitHub | Live App

2025

- Built and deployed an LSTM-based sentiment classifier using PyTorch.
- Converted checkpoints to state_dict for production deployment.
- Deployed as a public Streamlit app with real-time inference.