

# 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

<b>Thapar Institute of Engineering and Technology (TIET)</b> Master of Computer Applications (CGPA: 8.4)	Patiala, India Aug 2024 – Present
<b>Echelon Institute of Technology</b> Bachelor of Computer Applications (CGPA: 8.38)	Faridabad, India Sep 2020 – Dec 2023
<b>Vidya Mandir Public School</b> Class 12 (Percentage: 77.83%)	Faridabad, India 2019

## INTERNSHIP EXPERIENCE

<b>MyClnQHealth</b> Frontend Developer Intern	Remote Mar 2024 – Jul 2024
<ul style="list-style-type: none"><li>Developed responsive UI components using React.js and Tailwind CSS.</li><li>Integrated PayU payment gateway and resolved major UI/UX issues.</li><li>Collaborated in Agile teams using Figma and Jira.</li></ul>	

## SKILLS

**Languages:** Python, SQL, C++  
**ML/DL:** PyTorch, Transfer Learning  
**Data:** NumPy, Pandas  
**Web:** React.js, JavaScript, Tailwind CSS  
**Tools:** Git, GitHub, Jira

## PROJECTS

<b>Law Hybrid RAG Chatbot (Indian Law)</b> GitHub	2025
<ul style="list-style-type: none"><li>Built a hybrid RAG system using BM25 + FAISS for Indian legal texts.</li><li>Added contextual filtering and cross-encoder reranking for precision.</li><li>Fine-tuned Mistral-7B using QLoRA for legal-domain QA on Colab.</li></ul>	
<b>DEVision – Driver Gaze Estimation System</b> GitHub	2025
<ul style="list-style-type: none"><li>Built a multi-modal gaze estimation system using PyTorch Lightning.</li><li>Fused driver, face, eye, and landmark features for robust prediction.</li><li>Evaluated using angular and pixel location error metrics.</li></ul>	
<b>IMDB Sentiment Analysis (LSTM)</b> GitHub   Live App	2025
<ul style="list-style-type: none"><li>Built and deployed an LSTM-based sentiment classifier using PyTorch.</li><li>Converted checkpoints to state_dict for production deployment.</li><li>Deployed as a public Streamlit app with real-time inference.</li></ul>	