



BRIEF SUMMARY

I'm a pre-final year B.Tech student in Communication and Computer Engineering with a solid foundation in computer science fundamentals, data structures, and problem-solving. Skilled in C++, Python, SQL, and core CS subjects like OOPs, DBMS, and OS, I've also developed strong expertise in Machine Learning, Deep Learning, and Generative AI. Curious, adaptable, and collaborative, I bring a balance of software engineering skills and data science knowledge, ready to take on challenging roles where I can learn fast and deliver impactful solutions.

KEY EXPERTISE

Deep Learning Machine Learning DSA c++ python DBMS MySQL OOPs OS GenAI

EDUCATION

LNMIIT Institute of Information Technology

2022 - 2026

B.Tech. - CCE | CGPA: 6.55 / 10

RSM International School, Jodhpur

2022

12th | CBSE | Percentage: 84 / 100

Delhi Public School, Jodhpur

2019

10th | CBSE | Percentage: 92.80 / 100

AWARDS AND SCHOLARSHIPS

- Was Part of "The Tomorrow Team" who Won 50,000 Rs from the Hack the Waste Ideathon by RSPCB 2023

PROJECTS

Chest Cancer Classification using Transfer Learning

12 Dec, 2025 - 25 Dec, 2025

Team Size: 2

Key Skills: Deep learning Docker Transfer learning flask Azure python

Project Link: <https://chestcancerclassification-bxh6gefng0faandn.centralindia-01.azurewebsites.net/>

* Advanced Model Architecture: Shifted from a basic CNN to the more powerful DenseNet121 architecture using transfer learning for improved accuracy.

* Reproducible MLOps Pipeline: Implemented a fully reproducible workflow using DVC for data versioning and MLflow for experiment tracking.

* High-Performance Results: Achieved a validation recall of 93% and a notable test AUC score of 96%, indicating a highly effective model.

* Automated CI/CD Deployment: Containerized the application with Docker and automated deployment using a CI/CD pipeline with GitHub Actions and Microsoft Azure.

LNMIIT Grievance Management System

15 Jan, 2025 - 15 Dec, 2025

Mentor: Dr. Gaurav Chatterjee | **Team Size:** 3

Key Skills: Nodejs MySQL React Git Github ExpressJs

Project Link: <https://gmp-user-ui41.vercel.app>

*Role-Based Access Control: The system defines four distinct user roles: Admin, Approving Authority, Office Bearer, and User, each with specific access permissions.

*Categorized Grievance Tracking: Grievances are organized into specific categories such as Hardware, Software, and Network. Every submission is assigned a unique ticket ID for efficient tracking.

*SLA and Escalation Protocol: Issues are prioritized using a four-tier system: Low, Medium, High, and Emergency. An escalation matrix ensures unresolved issues are passed to L2 and L3 support teams according to service-level agreements (SLAs).

*Technology Stack and Benefits: Built with the MERN stack (MongoDB, Express.js, React, Node.js) and MySQL database, the system is deployed on the cloud. This architecture leads to quicker grievance resolution and improved transparency.

Team Size: 1**Key Skills:** RAG python Langchain flask HTML CSS Javascript**Project Link:** https://github.com/kumathepanda/youtube_rag_chatbot.git

* Conversational AI for Videos: Enables users to chat with an AI assistant to quickly understand video content.

* Automated Transcript Processing: Automatically fetches, and if necessary, translates video transcripts to English.

* Retrieval-Augmented Generation (RAG) Pipeline: Ensures the AI generates answers based exclusively on the video's transcript for accuracy.

* Technology Stack and Benefits: Utilizes Flask, LangChain, Groq, and a Chrome extension to provide fast and context-aware responses.

ACHIEVEMENTS

- Winner of Hack the Waste Ideathon by RSPCB 2023
- 2nd Runner in Disrupt 3.0 LNMIIT
- Achieved top 3.21% among more than a million candidates nationwide in JEE Mains
- Solved 500+ problems accross coding platforms.

EXTRA CURRICULAR ACTIVITIES

- Member at Quizzinga LNMIIT
- Performed in VivaCity, Rajasthan's 2nd largest Cult Fest

PERSONAL INTERESTS / HOBBIES

- Chess - <https://www.chess.com/member/linklegend123>
- Football
- Movies\Theatre

WEB LINKS / IMs

- WhatsApp - <https://wa.me/7357222550>
- Github - <https://github.com/kumathepanda>
- Other - https://leetcode.com/u/parth_hehe/
- Other - <https://www.kaggle.com/parthramdeo>
- Other - <https://www.geeksforgeeks.org/user/ramdeo6c9f/>

PERSONAL DETAILS

Gender: Male**Marital Status:** Single**Current Address:** 3 Sa 1 First Puliya Chopasani Housing Board,
Nandanvan Jodhpur, State -Rajasthan, District -Jodhpur, City -
Jodhpur, Pincode -342008, Jodhpur, Rajasthan, India - 342001**Emails:** 22ucc072@lnmiit.ac.in , ramdeoparth@gmail.com**Date of Birth:** 08 Mar, 2004**Known Languages:** Hindi , English**Phone Numbers:** +91-7357222550, +91-9460550191