

# ANJORI SARABHAI

Gurugram, Haryana, India | anjori3005@gmail.com | +91 8826993857 | [linkedin.com/in/anjori-sarabhai-192ba0256/](https://www.linkedin.com/in/anjori-sarabhai-192ba0256/)  
[github.com/anjorisarabhai](https://github.com/anjorisarabhai) | [anjorisarabhai-web-portfolio.lovable.app](https://anjorisarabhai-web-portfolio.lovable.app)

## Education

<b>The NorthCap University (ITM), Gurugram</b> B.Tech CSE (Data Science Specialization)   CGPA: 8.67   SGPA: 9.48	2022 – 2026
<b>Delhi Public School</b> , Vasant Kunj, New Delhi — Class 12th (CBSE)	2020 – 2022
<b>Delhi Public School</b> , Gurgaon — Class 10th (CBSE)	2013 – 2020

## Internships

<b>Machine Learning Intern</b> , Defence Research and Development Organisation (DRDO) • Engineered a full-stack Palm Vein Authentication System using <b>Flask (Python)</b> for backend and <b>HTML/CSS frontend</b> , demonstrating <b>software development</b> and system design. • Utilized <b>deep learning algorithms</b> and <b>image processing techniques</b> for aerial object recognition and classification. • Gained exposure to potential embedded system considerations for model deployment.	June 2025 – Present
<b>Business Intelligence Intern</b> , Constems-AI Systems • Developed interactive <b>dashboards using Tableau and Power BI</b> for enhanced business intelligence reporting. • Conducted extensive <b>EDA and data preprocessing in Python</b> , improving data readiness. • Worked with <b>SQL and statistical techniques</b> to generate insights supporting data-driven decision-making.	Dec 2024 – Feb 2025
<b>IT Intern</b> , RITES Ltd. • Designed and implemented a robust complaint management system in <b>C language</b> with optimized <b>file handling and user I/O operations</b> .	June 2023 – July 2023

## Projects

<b>Data-Enhanced Music Recommendation Engine</b> • Built a hybrid music recommendation engine combining external APIs (MusicBrainz, Last.fm, Genius) and state-of-the-art <b>Natural Language Processing (NLP) models</b> (BERT, Word2Vec) for enhanced personalization and content understanding. • Extracted comprehensive <b>audio features</b> using <b>Librosa</b> library in <b>Python</b> to facilitate enriched and personalized recommendations. • Created an <b>ETL pipeline using PySpark</b> to collect and process metadata into <b>MongoDB and CockroachDB</b> , demonstrating distributed data processing.
<b>Address Book Manager – CLI &amp; GUI Based Contact Management System</b> • Developed a robust contact management system using <b>Java Swing GUI</b> with functionalities to view, add, update, and delete contacts, incorporating <b>B/B+ Tree indexing</b> and binary file storage for fast retrieval and efficient data management. • Employed <b>object-oriented design principles</b> and integrated comprehensive validation logic for robust record management, handling 1M+ contacts efficiently. • Demonstrated strong understanding of <b>Data Structures and Algorithms</b> in system implementation.

## Technical Skills

<b>Programming Languages:</b> C, Java, Python, SQL, R, PHP, JavaScript
<b>Software Engineering Concepts:</b> Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA), Operating Systems (OS) Concepts, Database Management Systems (DBMS), System Design, Web Development Fundamentals
<b>Machine Learning &amp; Deep Learning:</b> Scikit-learn, TensorFlow, Keras, PyTorch, XGBoost, CNNs, Model Evaluation, Feature Engineering, Reinforcement Learning Concepts
<b>Natural Language Processing (NLP):</b> Hugging Face (Transformers), BERT, Word2Vec, LLMs, Foundation Models, Multilingual Language Understanding
<b>Data Analysis &amp; Engineering:</b> ETL, EDA, PySpark, Apache Hadoop, Apache Hive, Apache Pig, APIs, Data Cleaning, Tableau, Power BI, Image Processing
<b>Tools and Technologies:</b> Flask, Pandas, NumPy, Git, Linux/UNIX environment, MLOps, AWS, MySQL, Composer, Nginx
<b>Full Stack Development:</b> HTML, CSS, JavaScript, Bootstrap, React.js, Flask, WordPress, Gutenberg, FSE

## Certifications & Additional Information

• AWS Certified Cloud Practitioner	<b>Languages Known:</b> English, Hindi, French
• Microsoft Azure AI-900 Fundamentals	<b>Volunteering:</b> Social Media Team Volunteer at NSS NCU,
• Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation on Forage (TCS)	Graphic Designing Head at The Puzzle Club NCU, Graphic Designing Head at The Programmers Club NCU
• DELF A1 & A2	