

AFRA JABEEN

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Summary

Passionate and detail-oriented in B.E Computer Science (AI & ML) with a strong foundation in machine learning, data structures, and software development. Proficient in Python, Java, SQL, and deep learning frameworks such as TensorFlow. Demonstrated problem-solving skills through academic projects like lung disease classification.

Education

ATME College of Engineering, Mysore BE in Computer Science (AI & ML); CGPA: 8.1	2022-2026
ST Joseph pu college for girls, Sathgalli Mysore PUC(PCMB); 69%	2022
Andalus english school, Mysore SSLC; CGPA: 69%	2020

Projects

Binary Regression on 3D Objects Using Machine Learning

Applied machine learning techniques to predict binary outcomes from 3D object data (e.g., shape classification or object pass/fail).

Used **Python**, **Scikit-learn**, and **3D processing** tools to extract geometric features.

Trained regression models and evaluated results using R^2 score and Mean Squared Error (MSE).

LUNGS DISEASE CLASSIFICATION USING DEEP LEARNING

Technologies: Python, TensorFlow, CNN, Keras, OpenCV, X-ray Dataset

Developed a deep learning model using Convolutional Neural Networks (CNN) to classify chest X-ray images into categories such as Pneumonia, Tuberculosis, and COVID-19.

Skills Summary

- Programming Languages:** Python, C, Java basics.
- Web Technologies & Databases:** HTML, CSS, MySQL, DSA.
- Machine Learning & AI:** TensorFlow, scikit-learn.
- Data Handling & Visualization:** Pandas, NumPy, Tableau, Power BI, Excel.
- Tools & Platforms:** Jupyter Notebook, Google Colab, Visual Studio Code, Git.
- Soft Skills:** Communication, Teamwork, Problem Solving.

Certifications

• TATA GenAI Powered Data Analytics Job Simulation (Forage)	July 2025
• Deloitte Data Analytics Job Simulation (Forage)	July 2025
• AWS Solutions Architecture Job Simulation (Forage)	July 2025
• Getting Started with Artificial Intelligence (IBM SkillsBuild)	July 2025

Extra-Curricular Activities

- [SKULERR Tech Expedition](#) – Attended a one-day workshop on AI, Power BI, and AR/VR, conducted by experts from GlobalLogic and [TechShiksha](#) | ATMECE (Jul 2024)
- [National Level Hackathon \(Techavishkar 2.0\)](#), 15-16 May 2025.
- [IVIS TRAINING](#), JUNE 2024 – FEB 2025