

Adith Jose

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 Github

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EDUCATION

VIT Bhopal University, India

B.Tech in Computer Science (Artificial Intelligence & Machine Learning)

Aug 2022 – May 2026

CGPA: **8.77/10**

TECHNICAL SKILLS

Languages: Python, C++, SQL, Java

ML/Data: Matplotlib, Seaborn, OpenCV

Databases: MySQL, MongoDB

Frameworks/Libraries: Scikit-Learn, NumPy, Pandas

Tools: Git, GitHub, VS Code, Jupyter Notebook

Concepts: DSA, OOP, OS, DBMS

PROJECTS

PulseAI: Heart Risk Prediction Platform

May 2024

- Developed a supervised ML model to predict heart disease using clinical features, achieving **88%** accuracy.
- Performed robust preprocessing: handling missing values, outlier removal, feature scaling, and encoding structured medical data.
- Trained multiple ML algorithms (Logistic Regression, Random Forest, SVM) and selected the best-performing model using ROC-AUC, F1-score, and cross-validation.
- Link:** <https://hearthdiseasedetection.streamlit.app/> **Github:** <https://github.com/newuserAJ/HeartDisease.git>

CineSense:NLP-Driven Movie Recommendation System

Oct 2025

- Built a movie recommendation system using **Naive Bayes**, **TF-IDF vectorization**, and **cosine similarity**, achieving **97%** accuracy in sentiment classification.
- Performed extensive text preprocessing including tokenization, stop-word removal, n-gram feature engineering, and normalization to improve model performance and robustness.
- Integrated the **TMDB API** to fetch real-time movie metadata, posters, ratings, and actor-based recommendations, enhancing recommendation relevance.
- Link:** <https://cinesense-movie-recommender.onrender.com/> **Github:** <https://github.com/newuserAJ/CineSense-Movie-Recommender.git>

FacePulse: Automated Attendance System

Jul 2025

- Developed a real-time facial recognition attendance system using OpenCV's LBPH algorithm, achieving **93%** accuracy across varied lighting conditions.
- Designed a secure Tkinter GUI and implemented modular OOP-based architecture for maintainability and scalability.
- Automated daily attendance processing using Pandas for reliable CSV logging, timestamping, and error-free data storage.

CERTIFICATIONS

- Applied Machine Learning — University of Michigan

- MongoDB Associate Database Administrator

- Oracle Cloud Infrastructure — Data Science Professional

ACHIEVEMENTS & ACTIVITIES

- Led TechnoMech Club event during University Fest — Advitya.
- Achieved 4-star rating in Java and Python on HackerRank.
- Solved 200+ Data Structures & Algorithms problems on LeetCode and GeeksforGeeks.