Albi Aju

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WORK EXPERIENCE

Ceino Technologies   **Remote**

AI Engineer Intern   *May 2025 - Jun 2025*

- Designed and implemented an AI-powered PDF chatbot using FastAPI, LangChain, OpenAI GPT-4o, and FAISS for intelligent, memory-based document querying.
- Developed and integrated a React.js frontend with a FastAPI backend, enabling real-time, conversational interaction with uploaded PDFs.
- Optimized vector search and embedding retrieval for faster query responses using FAISS and OpenAI text-embedding models.
- Enhanced chatbot context retention by implementing session-based memory management in LangChain.
- Tech Stack: Python, FastAPI, LangChain, FAISS, OpenAI API, React.js
- GitHub: github.com/albiaju/ceino_chatbot

Cognifyz Technologies   **Remote**

Java Developer Intern   *May 2024 - Jun 2024*

- Completed a hands-on internship focusing on Java fundamentals, data structures, and object-oriented programming (OOP).
- Developed a Tic-Tac-Toe game application using Java Swing and implemented efficient logic using core OOP principles.

EDUCATION

Christ University (Deemed to be University)   **Bengaluru, Karnataka**

B. Tech in Computer Science and Engineering (Honours in Data Analytics) CGPA:7.1   Graduation Date:Mar 2026

Catholicate Higher Secondary   **Pathanamthitta, Kerala**

Higher Secondary (Marks:93.33%)   *Graduation Date: Mar 2022*

PROJECT EXPERIENCE

Academic Projects   **Bengaluru,Karnataka**

Heart Attack Analysis and Prediction   *Jan 2025*

- Performed data cleaning, feature selection, and exploratory data analysis (EDA) using Pandas, NumPy, Matplotlib, and Seaborn.
- Analyzed cardiovascular health data to predict heart attack risks using machine learning algorithms such as Logistic Regression, Random Forest, and KNN.
- Improved model accuracy through hyperparameter tuning and cross-validation.
- Tech Stack: Python, Scikit-learn, Pandas, NumPy, Streamlit, Matplotlib, Seaborn
- GitHub: github.com/albiaju/Heart_Attack_prediction

Music Genre Classification   **Bengalaure,Karnataka**
                                                                                                                                            Nov 2025

- Classifies music to the appropriate genre using models
- I have used a combination of models CNN+LSTM+Attention
- Dataset used is GTZAN from kaggle

SKILLS & INTERESTS

Skills: SQL,Python,Java,Oops

Interests: Data Analytics, Artificial Intelligence, Machine Learning, Software Development