

# Albi Aju

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GitHub: [github.com/albiaju](https://github.com/albiaju)

## PROFESSIONAL SUMMARY

Solutions-focused software engineer graduating in 2026 with internship experience building scalable backend services and data-driven tools using Python, SQL, REST APIs, and Git. Strong in technical troubleshooting, requirement understanding, and end-to-end delivery from design to deployment-ready implementation. Interested in solving customer-facing technical problems at scale through reusable solutions, best practices, and automation.

## EDUCATION

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

**Graduation: March 2026**

B.Tech – Computer Science & Engineering (Honours in Data Analytics) | CGPA: 7.1

**Catholicate Higher Secondary, Pathanamthitta, Kerala**

**Graduation: March 2022**

Higher Secondary | Marks:93.33%

## EXPERIENCE

**Ceino Technologies (Remote)**

**May 2025 – Jun 2025**

**AI Engineer Intern**

- Built an AI-based document query system by designing clean REST APIs using FastAPI, enabling scalable and modular backend workflows.
- Translated user requirements into features like session memory, multi-document querying, and structured conversational flow.
- Improved response efficiency by optimizing retrieval logic (vector search), ensuring consistent results across repeated user queries.
- Collaborated with team members in a remote environment using Git-based workflow, documentation, and iterative release cycles.
- Delivered an integrated web application by connecting a React frontend with backend services, supporting real-time interactions.

Tech: Python, FastAPI, SQL basics, Git, React.js

**Cognifyz Technologies (Remote)**

**May 2024 – Jun 2024**

**Java Developer Intern**

- Strengthened core development fundamentals in Java, OOP, and Data Structures through real project tasks.
- Built a Java Swing Tic-Tac-Toe application, implementing clean object-oriented architecture and efficient game logic.
- Practiced writing maintainable code, debugging, and feature improvements in an internship delivery environment.

## PROJECTS

### Heart Attack Risk Analysis & Prediction

Jan 2025

- GitHub: [github.com/albiaju/Heart\\_Attack\\_prediction](https://github.com/albiaju/Heart_Attack_prediction)
  - Built a data pipeline involving cleaning, EDA, and feature selection using Python libraries.
  - Implemented and evaluated models (Logistic Regression, Random Forest, KNN) with cross-validation.
  - Delivered results via Streamlit application for usable prediction workflows.
- GitHub: [github.com/albiaju/Heart\\_Attack\\_prediction](https://github.com/albiaju/Heart_Attack_prediction)

### Music Genre Classification

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

- Programming: Python, Java
- Data: SQL (joins, filtering, aggregation), Pandas, NumPy
- Backend: FastAPI, REST APIs, JSON-based integrations
- Web: React.js (integration), basic frontend workflows
- Tools: Git/GitHub, Linux basics
- Core Strengths: technical design, debugging, root-cause analysis, documentation

## INTERESTS

Data Analytics | AI & Machine Learning | Digital Solutions | Sustainable Tech Innovation