

KAVIN ANTONY A R

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github.com/Kavin-Antony | Coimbatore , Tamil Nadu

CAREER ASPIRATION

Motivated and goal-oriented Computer Science undergraduate with a passion for software engineering, seeking opportunities to develop solutions and grow in a tech environment.

EDUCATION

Coimbatore Institute of Technology : Computer Science and Engineering 2022 - 2026
• CGPA: 8.48
C.M.S Matric. Hr. Sec. School : Higher Secondary **(88.8%)** 2020 - 2022
C.M.S Matric. Hr. Sec. School : SSLC **(76.8%)** 2019 - 2020

EXPERIENCE

Data Analytics Intern : Project Development Cell June 2024 – July 2024
Artificial Intelligence with Python : Coincent Aug 2024 – Sep 2024

PROJECTS

Currency Converter with Real-Time Insights

- Developed a web application for real-time currency conversion using the **Frankfurter API**.
- Optimized API calls, improving **user experience and response time by 40%**.
- **Technologies Used:** HTML, CSS, JavaScript.

FM Ad Skipper - ADSIFT (Ongoing)

- Designing a **server-client system** to classify FM audio streams and identify music-only stations using **machine learning**.
- Achieved **97% classification accuracy** using **ResNet-18** and **Librosa** for feature extraction.
- Planning to develop a **mobile client app** that will play music-only streams and support **user-preferred stations**.
- **Technologies Used:** Python, Flask, Librosa, FFmpeg, ResNet-18, PyTorch, Radio Browser API, Android Studio, WebSockets

SKILLS

- **Programming:** Python, Java, C++, HTML, CSS, JavaScript, ReactJS
- **Databases:** SQL, MongoDB
- **Data Visualization:** Tableau
- **Soft Skills:** Problem Solving, Critical Thinking

COURSE COMPLETION

- Foundation Level Certification in Programming and Data Science - IITM
- Web Development - Coincent

CERTIFICATES

- HackerRank SQL Certification ([Basic](#), [Intermediate](#), [Advanced](#))
- HackerRank Python Certification ([Basic](#))