





KAVIN ANTONY A R


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EDUCATION

Coimbatore Institute of Technology : Computer Science & Engg (CGPA: 8.46) 2022 - 2026
C.M.S Matric. Hr. Sec. School : Higher Secondary (88.8%) 2020 - 2022

EXPERIENCE

Data Analytics Intern : Project Development Cell | [Link](#) June 2024 – July 2024

Project: *Employee Performance Dashboard using Tableau*

- Built an interactive Tableau dashboard to visualize employee performance metrics.
- Analyzed performance trends by department, job role, and project completion.

PROJECTS

Smart Pet Feeding & Water Monitoring System | [Link](#)

- Designed and developed an automated pet feeding system using Raspberry Pi with FastAPI backend and real-time web interface.
- Integrated HX711 for food weight, ultrasonic sensor for water level, and RGB LED for alerts.
- Enabled remote control and monitoring via Ngrok and secure login authentication.

Technologies Used: *Python, FastAPI, HTML, CSS, JavaScript, Raspberry Pi*

FM Ad Skipper – ADSIFT | [Link](#)

- Designing a **server-client system** to classify FM audio streams and identify music-only stations using **machine learning** with support for **user-preferred stations**.
- Achieved **97% classification accuracy** using **ResNet-18** and **Librosa** for feature extraction.
- Developed a **React web app** that will play music-only streams with login authentication.

Technologies Used: *Python, React.js, MongoDB, FastAPI, Librosa, FFmpeg, ResNet-18*

SKILLS

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- **Programming:** Python, Java, C, C++
 - **Backend:** FastAPI, Flask, Node.js, Express.js
 - **Frontend:** HTML, CSS, JavaScript, React.js
 - **Databases:** SQL, MongoDB
 - **Tools & IDEs:** Tableau, Figma, GitHub, VS Code, PyCharm
 - **Platforms:** MacOS, Linux

ACHIEVEMENTS

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- Ranked 60th in GeeksforGeeks leaderboard at Coimbatore Institute of Technology
 - Solved 600+ problems on LeetCode | Contest Rating: 1589

CERTIFICATIONS & COURSE COMPLETIONS

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- Foundation Level Certification in Programming and Data Science – IITM | [Link](#)
 - Web Development – Coincent | [Link](#)
 - SQL (Advanced) Certification – HackerRank | [Link](#)
 - Problem Solving (Intermediate) Certification – HackerRank | [Link](#)
 - The Complete Python Pro Bootcamp – Udemy | [Link](#)