

Dharma Pravardhana V

Intern

✉ cb.en.u4cse21116@cb.students.amrita.edu

☎ 8248847564

📍 21,Samiyappan Street,
Rathinapuri, Coimbatore 27.

📅 19/12/2003

in dharma-pravardhana-v

🔗 Dharmapravardhana



AWARDS

Code-Bot Competition

- Secured the Special Mention award in the Code-Bot competition conducted by Amrita University with participation from 40+ teams.
- Developed a shopping assistant using LLM and Streamlit during a 2-day hackathon.

Avishkar Tech Fair

- Presented Language Translation chatbot using AI algorithms in Avishkar (Tech Fair conducted by Amrita School of Computing, Coimbatore).
- Received appreciation and suggestions from the principal of Amrita School of Computing, Coimbatore.



PROJECTS

Speech-Sync Chatbot [🔗](#)

(Python, OpenAI API, Streamlit, Langchain)

Developed an AI-powered Speech Sync Chatbot that enables real-time synchronization with speech input, providing natural language conversations. Implemented features such as speech-to-text, text-to-speech, real-time synchronization, contextual understanding, and multilingual support. Technologies used: Python, OpenAI API, Streamlit, and Langchain

Consumer Price Index [🔗](#)

(Flask,MySQL,HTML, CSS, and JavaScript.)

The website allows users to add new products and states to the database, which can then be used to calculate and display the CPI for different regions and time periods. The website has been developed using HTML and CSS for the web pages, and Python Flask to integrate it with a SQLite database.

Spell Checker [🔗](#)

(C)

The project aims to design and implement an advanced spell checker that utilizes a minimum edit distance algorithm to identify and correct spelling errors in a given sentence. The spell checker systematically scans each word within the sentence, flagging any words that are potentially incorrect and providing suggestions for their correct spelling. Once the suggestions are generated, the spell checker replaces the incorrect words with the appropriate corrections, resulting in a fully corrected sentence.



EDUCATION

B.Tech Computer Science Engineering

Amrita Vishwa Vidyapeetham

08/2021 – 08/2025 | Coimbatore

CGPA: 8.13

School education

Lisieux Matriculation H.S.S

06/2007 – 03/2021 | Coimbatore

10th Board: 91.20%

12th Board: 94.83%



PROGRAMMING LANGUAGES

C

C++

Python

Java

HTML

CSS

Java Script

SQL

Shell

Flutter



INTERESTS

Football

Cricket

Music

Reading



PROFESSIONAL EXPERIENCE

Telesto Energy

06/2023 – present

- Extensive experience specializing in optimizing the execution time of machine learning models.
- Successfully reduced model execution time through various optimization techniques.
- Proficient in Python programming and experienced in leveraging performance-enhancing tools and libraries.
- Excellent problem-solving skills, capable of identifying and resolving bottlenecks in model execution.
- Strong communication and collaboration skills, with a demonstrated ability to work effectively within interdisciplinary teams.



SKILLS

- Web Development
- App Development
- Competitive Programming
- Problem Solving
- Effective Communication
- Leadership



CERTIFICATES

- Supervised Machine Learning (Coursera)
- Python (Basic) Hackerrank [↗](#)
- Java (Basic) Hackerrank [↗](#)