Dharma Pravardhana V

Intern

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📅 19/12/2003

in dharma-pravardhana-v

✎ Dharmapravardhana

🎖 ACHIEVEMENTS

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.

English Proficiency Test - State 3rd ⌞
Shakespeare Institute of English studies,Chennai
27/12/2013
Achieved the State 3rd position in the junior-level English proficiency test conducted by the prestigious Shakespeare Institute of English Studies, Chennai.

Avishkar Tech Fair
- Presented Language Translation chatbot using AI algorithms in Avishkar (Tech Fair conductedbyAmrita School of Computing, Coimbatore).

📁 PROJECTS

TalkHub ⌞
(Flutter,Firebase)
Flutter-powered app enabling seamless group communication. Signup/Sign-in, create/join groups, and share messages. User-friendly interface with Firebase backend for secure data storage and real-time messaging.

Crop yield prediction using Linear Regression ⌞
(Machine Learning,Python-Flask,Pickle)
Flask-based crop yield prediction using Linear Regression. Utilizes historical data on temperature, rainfall, and soil nutrients to provide accurate yield probabilities. Simplifies agricultural planning and decision-making with user-friendly web interface.

Speech-Sync Chatbot ⌞
(Python, OpenAI API, Streamlit, Langchain)
Our AI-powered Speech Sync Chatbot enables real-time synchronization with speech input, allowing users to have natural language conversations. It accurately transcribes and understands spoken language, delivering seamless and intuitive interactions.

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. CRUD operations on the 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.

- Received appreciation and suggestions from the principal of Amrita School of Computing, Coimbatore.

🎓 EDUCATION

B.Tech Computer Science Engineering
Amrita Vishwa Vidyapeetham
08/2021 – 08/2025 | Coimbatore
CGPA: 8.27

School education
Lisieux Matriculation H.S.S
06/2007 – 03/2021 | Coimbatore
10th Board: 91.20%
12th Board: 94.83%

🧠 PROGRAMMING LANGUAGES

C   C++   Java

Python   Shell

Flutter   HTML   CSS

Java Script   SQL

🎸 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 ⬀