Dharma Pravardhana V

📞 +91 8248847564   @ dharmapravardhana7@gmail.com   🌐 Portfolio   Github

Education

Amrita Vishwa Vidyapeetham   **September 2021 - Present**
Bachelor Of Technology, Computer Science & Engineering | CGPA: `8.27`   Coimbatore, India

Technical Skills

Areas of Interest: Web Development , App Development ,Competitive Programming
Languages and Frameworks: C, C++, Python, Java, MySQL, SQLite , JS, Dart, HTML5, CSS3, Flask , Flutter

Projects

SIH - PGRKAM ENHANCEMENT (Punjab Government Employment Website) **|** Github Link
- ➔ **AI Implementation:** Developed an AI chatbot, reducing data retrieval time by 30%.
- ➔ **User-Centric Platform:** Improved user profiles by 20% through multilingual support and resume analysis, achieving a 30% increase in operational efficiency.
- ➔ **Mobile App Integration:** Introduced a Flutter-based app for enhanced accessibility and user engagement.

TalkHub | *Flutter, Firebase* **|** Github Link
- ➔ A Flutter-powered app for seamless group communication with user-friendly interface and real-time messaging using Firebase backend.
- ➔ Enjoy secure data storage and instant messaging in groups with this Flutter app

Language Translation ChatBot using AI | *Python, OpenAI API, Streamlit, Langchain* **|** Github Link
- ➔ Developed an AI-powered Speech Sync Chatbot for real-time synchronization.speech-to-text, text-to-speech,contextual understanding, and multilingual support.

Experience

Project Intern @ Telesto- Ai & Analytics   **June 2023- August 2023**
- ➔ Optimization of code involving data analysis, and Machine learning models.
- ➔ Extensive experience specializing in optimizing the execution time of machine learning models.
- ➔ Significantly optimized model execution time,reducing it from 16 hours to just 1 hour.

Research Intern @ *MulticoreWare India Private Limited*   **August 2023- Present**
- ➔ Working with a team of 8 on a supervised *DL Model* for human fall detection using LiDAR sensor.
- ➔ Created Datasets that had 30+ possible situations using LiDAR sensors for predicting a Fall.

Achievements and Certifications

Code-Bot Competition
- ➔ Secured the Special Mention award with participation from 40+ teams. Developed a shopping assistant using LLM,API's and Streamlit during a 2-day hackathon.

Avishkar
- ➔ Presented Language Translation Chatbot using AI in Avishkar (Tech Fair conducted by Amrita School of Computing and received appreciation and suggestions from our principal.

Supervised Machine Learning | *Coursera* **|** Certificate Link