

Dharma Pravardhana V

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 [Portfolio](#)

 [Github](#)

Education

Amrita Vishwa Vidyapeetham

Bachelor Of Technology, Computer Science & Engineering | CGPA: 8.27

September 2021 - Present

Coimbatore, India

Technical Skills

Areas of Interest: Web Development , App Development , Data Structures and Algorithms

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 (Chat App) | Flutter, Firebase | [Github Link](#)

- Utilizes Firebase Authentication to securely handle user sign-up and sign-in processes, ensuring data privacy and authentication reliability.
- Real-time group messaging, enabling instant delivery of messages to group members and ensuring a responsive communication experience.

Language Translation ChatBot using AI | OpenAI API, Streamlit, Prompt Engineering | [Github Link](#)

- Engineered an AI-driven Speech Sync Chatbot with real-time synchronization, incorporating 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- January 2024

- Generated diverse datasets comprising 30+ scenarios utilizing LiDAR sensors for fall detection.
- Worked with a team of 8 on a supervised *DL Model* for human fall detection using LiDAR sensor.

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](#)