Dharma Pravardhana V

☎ +91 8248847564   @ dharmapravardhana7@gmail.com   🌐 Portfolio   ⌥ Github

Education

Amrita Vishwa Vidyapeetham   **September 2021 - Present**
Bachelor Of Technology, Computer Science & Engineering | CGPA: `8.11`   Coimbatore, India

Experience

Technical Consultant Intern @Adobe   **June 2024 - Present**
Data Team   Bengaluru, India

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.

Project Intern @ Telesto- Ai & Analytics   **June 2023- August 2023**.
➔ 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.

Projects

Anokha 2024 | Flutter,Dart,NodeJS,PayU, API | (1k+ downloads) Play Store Link
➔ Collaborated with a 5-member team to build a full-stack user-centric app for event registration in our college's Techfest Anokha 2024, employing Flutter for an engaging frontend and handling payments with PayU.
➔ Orchestrated backend-to-frontend connectivity via APIs, optimizing server requests by 30% through caching, and introduced QR code-based registration, streamlining tracking and enhancing efficiency.

SIH - PGRKAM Enhancement (Punjab Government Employment Website) **|** Github Link
➔ **AI Implementation:** Developed an AI chatbot, reducing data retrieval time by 30%.
➔ **Mobile App Integration:** Introduced a Flutter-based app for enhanced accessibility and user engagement.

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.

Technical Skills

Areas of Interest: Web Development , App Development , Full Stack Development
Languages and Frameworks: C, C++, Python, Java, MySQL, SQLite , MongoDB, JS, Dart, HTML5, CSS3, Flask , Flutter, Node.js, Express JS, Haskell, Go, Scala
Tools and Technologies: Git, Linux, Firebase, Figma, RaspberryPi, Eclipse, Visual Studio, AWS EC2, Azure VM

Publications

Fall Detection for Elderly People using LiDAR Sensor (Accepted in 2024 3rd IEEE International Conference on Artificial Intelligence for Internet of Things-Vellore Institute of Technology, Vellore)