Dharma Pravardhana V

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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 - August 2024**
Developed a web based solution to streamline Adobe Experience Platform user onboarding by automating object creation, data ingestion, and audience activation, utilizing HSL for schema and segment creation, and OMNIS.AI for data generation and ingestion.

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.

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: Python, C, C++,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 | View research paper

Published in 2024 3rd IEEE International Conference on Artificial Intelligence for Internet of Things-Vellore Institute of Technology, Vellore