

DHARMA PRAVARDHANA V

dharmapravardhana7@gmail.com | +918248847564

Portfolio | LeetCode | LinkedIn | GitHub

EDUCATION

Amrita Vishwa Vidyapeetham

Bachelor of Technology in Computer Science and Engineering

CGPA: 8.05

Coimbatore, Tamil Nadu, India

2021 - 2025

EXPERIENCE

Adobe Inc. | Technical Consultant Intern

Bengaluru | 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.

MulticoreWare pvt ltd. | Research Intern

Remote | 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.

Telesto - Ai & Analytics | Project Intern

Remote | 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.

SKILLS

Programming Languages:	Python, C, C++, Java, JS, Dart, CSS3, Haskell, Golang, Scala, HTML5
Libraries/Frameworks:	Node JS, Express JS, Flask, Flutter, React.js, Docker, Kubernetes, React Spectrum, Type Script, Apache Spark, Kafka
Tools / Platforms:	Git, Linux, Figma, Eclipse, AWS EC2, Azure VM, CI/CD tools
Databases:	SQLite, MongoDB, Firebase, PostgreSQL

PROJECTS

Anokha 2024 | Playstore Link

Flutter, Dart, NodeJS, PayU, API

- Collaborated with a 5-member team to build a full-stack user-centric app for event registration in our college's Techfest, 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 | Link

OpenAI API, Streamlit, Prompt Engineering

- Engineered an AI-driven Speech Sync Chatbot with real-time synchronization, incorporating speech-to-text, text-to-speech, contextual understanding, and multilingual support.

SIH - PGRKAM Enhancement | Link

Flutter, React JS, OpenAI API

- Implemented AI enhancements for the PGRKAM (PUNJAB GHAR GHAR ROZGAR) platform, including a chatbot that reduced data retrieval time by 30%.
- Improved user profiles by 20% with multilingual support and resume analysis, leading to a 30% increase in operational efficiency.
- Integrated a Flutter-based mobile app for enhanced accessibility and user engagement.

PUBLICATIONS

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