

# DHARMA PRAVARDHANA V

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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 | Github 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**

*Python, 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.

**Smart Parking System | Link**

*MERN, Flutter, Git, Jira*

- Developed a user friendly flutter app powered with admin side react app, backed with MongoDB.
- The app allows users to seamlessly navigate and nearby parking lots using QR codes, while admin can efficiently manage reservations and other procedures.
- Jira was used to maintain an agile working environment, while Git was employed for version control.

## 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