



YASHWANT K

MACHINE LEARNING ENTHUSIAST

PROFILE

A driven Computer Science student who is passionate about Artificial Intelligence with a strong eagerness to explore emerging technologies. Skilled in Python, C, Dart, and Flutter, with hands-on experience in building AI-powered applications and integrating ML models into real-world solutions.

PROJECTS

Currency Detection App for Visually Impaired Users 2023 --2024

- **Tech Stack:** Flutter, Python (Flask), Pytorch, YOLO, CNN, Azure Custom Vision, Speech Synthesis
- Developed a real-time currency recognition application to assist visually impaired users by identifying and announcing currency denominations through speech output. The app employs a hybrid machine learning approach, combining YOLO for object detection and a CNN-based classification model to improve accuracy.

Key Features

- **Hybrid Processing:** Supports both client-side (Pytorch) and server-side (Flask API) model execution.
- **YOLO Model:** Detects currency in a live video stream with 93.5

Role Radar

2024 -- Present

- **Tech Stack:** Flutter, Firebase, Python (Flask), NLP, Azure Cognitive Services
- Developing a mobile application for the Computer Science and Engineering department, designed to enhance students' understanding of various job roles in different companies. The app serves as a centralized platform that provides essential company details, including domains, job roles, required skills, and selection criteria.

Objective

- To streamline the placement process by providing students with a structured, real-time repository of career-related information, helping them make informed career decisions and prepare effectively for job opportunities.

CERTIFICATIONS

- Completed the basics of Microsoft Custom vision in Coursera
- Participated in Truth Tell Hackathon conducted by HackerEarth
- Attended the 5 days Gen Ai intensive conducted by Google
- Hashgraph Developer Course on Hedera
- Python Essential Training from LinkedIn
- Introduction to Flutter Course on Skillup

CONTACT

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EDUCATION

SECONDARY SCHOOL

Amrita Vidyalayam, Nallampalayam
Coimbatore GPA: 8.8/10

B.E.- CSE CGPA: 8.15
Sri Shakthi Institute of
Engineering and Technology
CGPA: 8.15

TECHNICAL SKILLS

- **Programming :**Python, C, Dart
- **Framework and Libraries:**
PyTorch, Scikit-learn,Pandas,
NumPy
- **Deep Learning:** CNNs, YOLO
- **Mobile App Development:**Flutter
- **Version Control:** Git, GitHub
- **Deployment & APIs:** Flask

SOFT SKILLS

- **Problem-Solving & Critical Thinking**
- **Collaboration & Teamwork**
- **Quick Learning & Adaptability**