SABHARISHWARI PERIYASAMI

STUDENT – B.TECH (AI & DS)

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Objective

Motivated and self-driven B.Tech student in Artificial Intelligence and Data Science, seeking an opportunity to apply technical knowledge and project experience in a dynamic IT or software development role. Passionate about real-world problem-solving using AI, data, and web technologies.

Experience of coursework

Academic project

- **Smart Doorbell using Raspberry Pi:** Face recognition-based system with real-time alerts

- **Video Surveillance System:** Motion detection, video recording, and logging with Flask web UI

- **E-Commerce Website:** Built using HTML, CSS, Flask/React, includes product filtering, wishlist, and cart features

- **Weather App:** Real-time weather with animations, localStorage support, and responsive UI

Education

AVS Engineering College | 2023 - 2027
Current CGPA: 8.4

Skills & abilities

- Front end development (HTML, CSS, JS)
- AI & ML
- Full stack
- Computer Vision
- Data science
- CUDA Python

Project

Smart Doorbell with Face Detection

- Built using Raspberry Pi, OpenCV, and python
- Identifies known faces and triggers alerts, with a web interface

E-commerce

- Multi-page site using HTML, CSS, and Flask
- Features include cart, wishlist, filter by category, and offer pages

Weather App

- Real-time weather API with animated UI

- Features include local storage, background animation, and city search

Video Surveillance System

- Motion detection, video recording, and real-time logging
- Python + Flask-based dashboard for security monitoring