VIMALESH S

WEB DEVELOPER

CONTACT

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CAREER OBJECTIVE

A motivated IT student passionate about solving problems through programming, databases, and software development. With a strong drive to turn ideas into real-world solutions, you embrace innovative technologies, and contribute effectively to impactful projects.

ACADEMIC DETAILS

- **B.Tech** Information Technology(2024–present)
  Francis Xavier Engineering College
- CGPA: 7.4/10
- **HSC** (12th Standard) -2024, St.Xaviers Hr.Sec.School
- Percentage: 77.43%

TECHNICAL SKILLS

- **Programming Languages:** C, Python, Dart
- **Mobile App Development:** Flutter, Android Studio
- **Web Technologies:** HTML, CSS, JavaScript, Flask
- **Machine Learning & CV:** TensorFlow, OpenCV, YOLO, CLIP, DINO V2/V3, Image Similarity Models
- **Tools & Software:** MS Office, VS Code, Android Studio, Jupyter Notebook, Git/GitHub
- **Other Skills:** CNN Image Classification, Model Training & Evaluation, API Integration, Team Collaboration

PROJECTS

Medicinal Plant Identifier
- To identify medicinal plants and prevent their wastage.
- Basic ML model using Python.

Plant Disease Detection System
- To detect and classify plant leaf diseases using image processing.
- Deep learning model using TensorFlow & OpenCV.

Oil Detection System
- To detect oil spills and contamination in water/surfaces.
- Computer vision–based detection using deep learning.

Secure Step-IoT Fall Detection System
- Developed wearable device to detect falls.
- IoT security project with ESP8266 & ADXL345 accelerometer for step detection & monitoring.

SOFT SKILLS/ STRENGTHS

- Quick learner
- Creative thinker
- Team player
- Strong problem-solving skills

LANGUAGES KNOWN

- English
- Tamil