SURYA PRAKASH E

PYTHON DEVELOPER|FULL STACK ENTHUSIAST

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CAREER OBJECTIVE

To secure an opportunity where I can utilize my potential and contribute to the organization's growth while enhancing my skill set. Seeking a position to launch my career and develop valuable skills.

EDUCATION AND CERTIFICATION

Bachelor's degree | University College of Engineering-Tindivanam , Anna University   2025

HSC | ST. ASSISI Matric. HR. SEC. School, Pavoorchatram   - 88.35%   2021

SSLC | ST. ASSISI Matric. HR. SEC. School, Pavoorchatram   - 85.67%   2019

TECHNICAL SKILLS

- Languages: Python, HTML, CSS, JavaScript

- Frameworks & Libraries: Flask, Django, RestAPI

- Databases: MySQL, SQLite

- Tools: Git, Visual Studio Code

- Other Skills: API Integration

- Hosting Platform: Render,Vercel

PROJECTS

Defect Detection in Printed Circuit Boards using Vision Transformers

- Implemented Vision Transformer (ViT) using PyTorch to detect and classify PCB defects across six categories, effectively leveraging self-attention for global feature extraction.

- Achieved higher accuracy than traditional CNN-based models by capturing long-range dependencies and overall structural patterns in PCB images.

CleanHR – A CURD-based Employee App (Flask)   Git-Hub→

- A Flask web application that allows users to Create, Read, Update, and Delete (CRUD) employee records through a simple and responsive interface.
- Built using Flask and HTML templates, this app demonstrates clean backend logic and frontend rendering for small-scale HR data management.

INTERN

- Python Full Stack Intern – Uniq Technology
  Hands- on experience in frontend **(HTML/CSS/JS)** backend development using **Python, Flask, Django, RestAPI, MySQL**.