

SURYA PRAKASH E

PYTHON DEVELOPER | FULL STACK ENTHUSIAST

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8248586422 | [Tamil Nadu, Tenkasi](#)

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.

INTERNSHIP

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