DEEPAKRAJ

-Cuddalore, Tamil Nadu

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Professional Experience

08/2024-01-2025
COIMBATORE

TECH SCRIPT SOLUTIONS
- Developed responsive front-end applications with HTML, CSS, and JavaScript, gaining proficiency in full-stack development concepts, including client-server architecture and RESTful APIs.

06/2023-07-2023
COIMBATORE

APP EXERT
- Developed responsive websites using HTML, CSS, and JavaScript, collaborating with team members to design user-friendly interfaces and enhance UI/UX components.

Education

2021-2025

B.TECH - ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
Jansons Institute of Technology
CGPA: 7.6

Projects

Real-Time Poultry Disease Detection and Heat Stress Monitoring System:
Built an automation system to detect poultry diseases using CNN and predict heat stress with KNN based on live environmental data from a DHT11 sensor, integrated via ThingSpeak API, with a GUI designed using Flask and Tkinter.

Weather Prediction Chatbot (Open Source):
A Python-based weather prediction chatbot utilizing the OpenWeatherMap API and spaCy for natural language processing, enabling real-time weather updates through an interactive interface.

Tourist webpage:
Developed a responsive tourist web page using Bootstrap to showcase travel destinations with interactive elements.
Tech stack: HTML,CSS,BootSrap, javaScript,react js

Skills

- Programming Languages: Python
- AI/Ml: Machine Learning , NLP ,LLM
- Frameworks & Tools: Flask, Tkinter, scikit-learn, TensorFlow (basics)
- Web Development: HTML, CSS, Bootstrap, JavaScript
- Other Tools: Microsoft Excel

Certification

- Programming Fundamentals using Python - Infosys Springboard
- Neural Networks and Deep Learning - Guvi (Naan Mudhalvan)
- IoT Edge Computing and IoT Analytics - Infosys Springboard
- Network Essentials - Naan Mudhalvan

Languages

English , Tamil

Soft Skills

Creativity, Presentation Skills, Critical Thinking, Time Management