Prema Latha S

ARTIFICIAL INTELLIGENCE & DATA SCIENCE

Contact

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Professional Summary

Seeking a position in AI-driven web development and machine learning, leveraging expertise in deep learning, data science, Flask, Webflow, feature engineering, and model evaluation, with a strong focus on AI integration, full-stack development, and Git/GitHub version control, while effectively utilizing strong communication skills to convey complex ideas and collaborate with teams.

Education

Saveetha Engineering College(Present)

- B.Tech Artificial Intelligence and Data Science   87%

St.Paul's Matriculation Higher Secondary School

- HSC-2022   93%
- SSLC-2020   84%

Skills

Technical Skills - Java,C,FULL STACK,Deep Learning,Machine Learning,NLP,Computer Vision,Database

Soft Skills - Communication,Leadership,Time Management,Problem Solving,Decision Making,Energetic

Projects & Internship

Shoplifting Detection-Machine Learning

- Real-time shoplifting detection using YOLO, computer vision, and deep learning for automated surveillance.

Music Player - Full Stack

- Built with HTML, CSS, JavaScript, and Node.js, featuring playlist management and responsive UI.

Spy-Cam-Detection - Computer Vision

- Computer vision-powered real-time detection system using SSD model, OpenCV, and image processing.

Toxic-Plant Classification - CNN

- CNN-based model leveraging ResNet, DarkNet, and LSTM for toxic plant identification with 97%+ accuracy.

Achievements

- Event Coordinator - Drestein'25
- AIML Challenge 2024
- IBM Z Datathon 2024

Certifications

- GPU Programming Specialization
- OpenCV:Image Processing
- Java Developer
- MERN Full Stack
- Dynamic Speaking Specialization
- Tensorflow for AI,ML,DL,NLP and CNN

Tools/Software

- Version Control
- Web Devlopment
- MongoDB
- JavaScript
- VS Code