

KIRUBA SHANKAR R

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OBJECTIVE

To work as a software developer where I can apply my programming knowledge, problem-solving skills, and passion for technology to create efficient and scalable solutions.

EDUCATION

Bachelor of Technology Artificial intelligence and machine learning , Rajalakshmi Engineering College
Expected 2026

Diploma in Mechanical Engineering , T.S. Srinivasan Center for Polytechnic and Advanced Training 2019 - 2022

SKILLS

Technical Skills	Python, TensorFlow, PyTorch, OpenCV, HTML, CSS, JavaScript, SQL
Soft Skills	Problem Solving, Communication, Time Management, Team Collaboration
Web Development Skills:	React.js, Node.js, Flask, REST APIs, Firebase, Git, Github

PROJECT

ANDROID BASED APPLICATION FOR GARDENING 2024- march 2024

- Designed and developed a user-friendly interface to enable intuitive navigation across various gardening features.
- Implemented a seed inventory management system, allowing users to add, update, and track their seeds efficiently.
- Developed a location-based personalized planting scheduler, helping users optimize planting activities based on local climate.

YOLOv8 VEHICLE COUNT DETECTION USING CNN Jan 2025 - Jan 2025

- Collected and preprocessed a vehicle-labeled image/video dataset for model training and evaluation.
- Fine-tuned a pre-trained YOLOv8 model for accurate vehicle detection using a custom dataset.
- Developed a real-time vehicle detection and counting system using YOLOv8 and Convolutional Neural Networks.

ADDITIONAL SECTIONS (OPTIONAL)

Project Emotion Recognition System using CNN and RNN Developed a deep learning model to recognize emotions from speech and facial cues. Achieved 87 percent accuracy on the RAVDESS dataset. Implemented using Python, TensorFlow, and OpenCV.

Publications. We are delighted to inform you that your presentation, CareZen: computer vision using CNN of YOLO models

Short Project Title. "Developed a machine learning model to classify messages as spam or non-spam using Natural Language Processing techniques.

CERTIFICATIONS OR TRAINING

- I've completed my training in Artificial Intelligence from Mood Indigo, IIT Bombay, in collaboration with Acmegrade, held from January 9, 2024, to February 9, 2024.

LEADERSHIP

- Team Lead in AI-based Traffic Monitoring Project using CNN – delegated tasks, managed dataset preparation, and led model evaluation to achieve high accuracy.!