KEERTHANA V

+91 8015457858 · keerthanavadivel85@gmail.com · LinkedIn · Github

OBJECTIVE

As a motivated student with a passion for machine learning, full stack development and data science, I am seeking opportunities to learn and apply my theoretical knowledge and practical skills in a professional setting. I aim to contribute to innovative projects, gain hands-on experience, and continue learning and growing in the dynamic field of data science and machine learning.

SKILLS AND INDUSTRIAL KNOWLEDGE

Languages:
Python,C++
C , HTML, CSS
Java, Node.js

Machine Learning & Deep Learning: Algorithms , Neural Networks , YOLO , Roboflow , NLP .

Frameworks & Tools: FastAPI, Flutter, Git, GitHub, VS Code, pip
Databases: SQL, MongoDB.
Other Skills: Data Structures & Algorithms, Documentation, Research

EXPERIENCE

Ikomet technology solutions pvt ltd ML Intern   JUNE 2024

Developed and implemented Named entity Recognition module ,where i was exposed to live products, learned about NLP ,implemented a module using spacy, NLTK , python to detect scientific and standard system of units.

AutoIntelli Refined ML Intern   JAN 2025

Contributed to core ML and Data Science tasks including data cleaning, model development, and performance analysis using Python-based tools.

ACHIEVEMENTS

Runner up at infoculuture feista hackathon in ml domain for the project Green vision Analyser (Ai tree enumeration for forest areas).

Ranked 9th out of 600 teams in the final round of the Woodpeckers Hackathon, organized by Woodpeckers Analytics and Services. (PROJECT:MAINTENACE GUARDIAN)

Selected for the **PwC Acceleration Center cloud Launchpad program** through a aptitude and coding assessment.

PROJECTS

AI-Based Tree Detection and Classification System - Developed a FastAPI-powered system integrating YOLOv8 for real-time tree detection and ResNet50 for species classification

Flutter To-Do App– Built a cross-platform task management app using Flutter & Node.js, with JWT authentication, RESTful APIs (Express, MongoDB), and SharedPreferences for session management.

AI Full-Stack Recruitment Platform – recruitment platform using FastAPI, SQLite, and vanilla JS for dynamic resume-job matching Integrated local LLMs for smart resume parsing and candidate shortlisting.

EDUCATION

Bachelor of Engineering in Computer Science and Engineering

Sri Sairam Institute of Technology – 8.55 CGPA

Holy Family Convent Matriculation Higher Secondary School
SSLC -87%

HSC -94%

CERTIFICATIONS

Supervised Machine Learning : Regression and Classification - Deep Learning AI- Coursera
Cisco introduction to data science

NPTEL:
    Python for data science
    Introduction to IOT
    OS Fundamentals

LEARNING PLATFORM

SKILLRACK   **LEETCODE**   **GEEKSFORGEEKS**