



HARII SANKAR S

Phone : 9489221720 | Email : hariisankar.s2022ai-ds@sece.ac.in | [GitHub](#) | [LinkedIn](#)

EDUCATION

Sri Eshwar College of Engineering	B.TECH(AI&DS)	CGPA : 7.95(4rd SEM)	2022 - 2026
SSM Lakshmi Ammal Matric Hr.Sec School	HSC	87.2%	2020 - 2022
SSM Lakshmi Ammal Matric Hr.Sec School	SSLC	92.3%	2019 - 2020

INTERNSHIPS

Django Stack – RV TECHLEARN 2024

Developed a Django application integrating machine learning for deep fake audio detection with a 95% accuracy rate .Implemented user authentication, secure audio upload, and classification functionalities. Reduced potential security vulnerabilities by 40% through stringent backend logic.

Technical Stack: Django, Machine Learning, Speech Recognition, HTML, JavaScript

GenAI - Global Knowledge 2024

Developed a fine-tuned llm using the pre-existing llama large language model for the healthcare sector by fine tuning the llm and integrated it into a mobile app.

Technical Stack: LLM, GenAI, React Native, Flask, Peft, Qlora

PROJECTS

Harvest Haven 2024

Harvest Haven is a comprehensive mobile app for farmers, featuring advanced deep learning and language models for diagnosing and preventing crop and livestock diseases. Integrated with store access, weather updates, and data-driven crop and soil recommendations, it delivers essential support to boost yield and sustainability, all backed by reliable government data.

Technical Stack: LLM, Fine-Tuning, Peft, Machine Learning, Pytorch, RAG, Lora, React Native, Flask, Gen-AI

OncoScrutiny 2024

Developed a machine learning model to detect melanoma from dermoscopic images using CNNs pre-trained model, achieving a sensitivity of 92% and specificity of 88%. Increased diagnostic accuracy by 15% through optimization and hyperparameter tuning and fine tuning.

Technical Stack: Machine Learning, TensorFlow, Groq, React Native, Firebase, Flask, GenAI, Peft, Qlora, RAG

AyurAlchmy 2024

Developed a mobile app powered by the PyTorch's transfer learning technique with xception model's, with its capability to predict the right ayurvedic leaf upon capturing the image, and display the information like macros, dosage of use, and also recommends the user the particular herb for a particular disease by using a chatbot.

Technical stack: PyTorch, Deep Learning, GenAI, React Native, MongoDB, Flask, EDA. Peft, Lora, RAG

CERTIFICATIONS

Certified in Artificial Intelligence	BoltIoT	2024
Certified MongoDB Introduction for Students	MongoDB	2024
Certified in Java Programming - Beginner to Master	Udemy	2023
Certified in Mastering Data Structures in C and C++	Udemy	2023
Certified in SQL Intermediate	Hacker rank	2023

ACHIEVEMENTS

Leetcode - Top Rating – **1450+** | Top 64.5 % in the World | Problems Solved – 300+

Code chef - Solved **160+** problems

Hacker rank - 2 Certificates | 2 badges

Participated in the JavaFX training and developed a weather application with historical data. 2023

SIH'24 – Selected as one of the top 50 from 230 teams across Sri Eshwar College of Engineering. 2024

HACKFEST'24 – Secured 3'rd prize with cash reward conducted by Erode Sengunthar Engineering College. 2024

SKILLS

Programming Language	Python Basic C++ Basic Java
Web Technologies	HTML CSS JavaScript Django
Frameworks	TensorFlow Keras PyTorch Gradio
Database	MongoDB MySQL
Other	Git GitHub Seaborn Matplotlib Power-BI Tableau
Technical	Data Science OOPS Gen- AI Machine Learning Deep Learning Data Structures