THEO SAVIO M J

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SUMMARY

As an aspiring Machine Learning Engineer and Software Developer, I am deeply passionate about leveraging artificial intelligence to drive innovation and solve real-world challenges. With a strong foundation in Artificial Intelligence and Data Science, I am eager to apply my expertise in machine learning, deep learning, natural language processing, and generative AI to create impactful solutions.

SKILLS

Language	Data Analytics Tools	Domain Skills	Frameworks
Python	Numpy	NLP	Tensorflow
SQL	Pandas	GANs	Scikit-Learn
C	Matplotlib	CNN	Django
HTML	Seaborn	Machine Learning	Leaflet js

EXPERIENCE

Cloud computing Intern | Sastra technologies,Chennai 01-07-2023 - 31-08-2023

Completed a comprehensive internship program focusing on fundamental concepts, technologies, and practical skills in cloud computing.

Explored the significance of cloud computing in modern business operations and gained insights into leading cloud service providers' architecture and components.

Acquired hands-on experience in administering Ubuntu-based operating systems and developed foundational skills in web development using HTML, DOM, and JavaScript.

Developed proficiency in backend development practices and utilized cloud development tools to enhance scalability, fault tolerance, and understanding of microservices architecture.

Demonstrated best practices through the implementation of real-world code samples, effectively illustrating concepts such as scalability and fault tolerance.

Obtained practical knowledge in database management, including installation, setup, and executing sample SQL queries using MariaDB.

EDUCATION

B. Tech | Artificial Intelligence and Data Science Saranathan College of Engineering Trichy
2021 – 2025

CGPA: 8.67/10

Member of The Odyssey Coding Club of AI & DS Department

Additional Courses

Relevant Coursework: Deep Learning Specialization |Deeplearning.ai

PROJECTS

Locator App

The "E-Waste Facility Locator" project offers a user-friendly web application for locating nearby e-waste recycling facilities. It incorporates AI to provide informative insights into e-waste disposal practices. Powered by Django, and AI libraries like geodesic,transformers. the project ensures a seamless user experience with intuitive interface and personalized recommendations.

Video Analytics using Vertex AI

This project utilizes Vertex AI and various libraries like langchain ,chromadb pytube to perform video analytics, including question answering based on the text content of the video and developed a ui with gradio.

Brain Tumor Detection using MRI

"Brain Tumor Detection using MRI" is a machine learning project designed to identify the presence of brain tumors in individuals by analyzing MRI scan images of the brain. Utilizing a Convolutional Neural Network (CNN) model defined with the Sequential API from Keras, the project achieves an impressive accuracy rate of 89 percent in accurately classifying MRI images and detecting tumors.