Sai Eeshwar D

Sai Eeshwar D | EESH-843 | saieeshwar03@gmail.com | +91 7338223233

Education

VELLORE INSTITUTE OF TECHNOLOGY — Amaravati, Andhra Pradesh
Bachelor of Technology in Computer Science and Engineering — August 2021 - June 2025 (Current)
(Spl. in Artificial Intelligence and Machine Learning)
GPA: 8.65/10

National Public School — Bangalore, Karnataka
Class 12th Grade : 92.4% — 2020 - 2021

Work Experience

OSCOWL & Co AKOSCOWL DOT INVENTIONS Pvt Lim — Dec 2023 - May 2024
AI/ML Intern

Led development of StreamLingo, innovating multilingual communication via advanced speech processing. Implemented Python speech recognition, MFCCs, and integrated Whisper AI/Bark AI models. Achieved authentic voice reproduction, enhancing user experience in multilingual conversations.

Open Source Community - ***Event Lead*** — June 2023 - May 2024

Events Organized: MLH Hackathon, GITTY UP: Learn Git & GitHub, React Bootcamp, TechEden 2.0, Cyber Syndicate, SDG Open Hack, TechCast Ep. 4, Software Freedom Fest (SFF)

Projects

Analysis of Social Media Sentiments in the Russia-Ukraine Conflict using NLP and ML Methods
Engaged in advanced sentiment analysis research on the Russia-Ukraine conflict, employing BERT, VADER, and diverse machine learning models to analyze social media sentiments.
• Contribution: Machine Learning Algorithms, Sentiment Analysis • Technologies Used: BERT, VADER, Python, various ML models

WAV2Lip-HQ-Inference
A Python implementation of high-quality lip-syncing system, WAV2Lip-HQ Inference synchronizes lips in input videos with provided audio, ideal for video dubbing and deep fakes.
• Contribution: Development, Implementation • Technologies Used: Python, PyTorch

Covid Quarantine Assistance Program

Developed to aid seniors during COVID-19, this program offers health assessments, infection detection, and prompt intervention.
• Contribution: Development, Implementation • Technologies Used: Python, TKinter, MySQL, SMTP

Publications & Patents

Author (Oct. 2023). "A System and a Method for Classification of Marine Animal Species Using Deep Learning Techniques". Patent 202341063223. Patent Holder. Issued Oct 6, 2023.

Sai Eeshwar D (n.d.[a]). "An Analytical Approach for Cetacean Family Species Detection using Auditory Hybrid Algorithms for Multi-class Classification". In: *7th International Conference - CSITSS-2023*. URL: https://ieeexplore.ieee.org/abstract/document/10333321.

– (n.d.[b]). "CRISP: Comprehensive Route Information System for Passengers". In: *9th National Conference on Advancements in Information Technology (NCAIT-2023)*. JSS Academy of Technical Education. URL: https://drive.google.com/file/d/18FtBSu_CfhE2FcJ1FCA0Jo_yoS_JM8wo.

Skills

Technologies : Python, Java, SQL, Git, Tensorflow, PyTorch, LaTeX
Frameworks : Tensorflow, PyTorch, OpenCV, Scikit-learn, Keras, NLTK, SpaCy
Spoken Languages : English, Hindi, Kannada, Telugu, Tamil, German(Basic)