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PROFILE

Dedicated Artificial Intelligence and Data Science student with hands-on experience in AI/ML, DL, NLP, and Data Science. Passionate about continuous learning, seeking out new knowledge and innovations every day, makes me do my work happily. Seeking roles in Artificial Intelligence and Machine Learning development, data analysis, and software Engineering to contribute to impactful projects that advance both business and society.

EXPERIENCE

MindX

AI Engineer Intern (Apr 2025 - Jun 2025)

- *Project on:* - Built and deployed AI customer service chatbots using RAG and LangChain, supporting over 30 languages. Developed a voice-based LLM that communicates with users in their native language.
- *Related coursework:* Gen AI, LangChain, RAG, Data preparation, Microsoft Azure, Streamlit, LLM

Bray Control India Private Limited, Bangalore

Machine Learning Intern (Jun 2024 - Jul 2024)

- *Intern On:* Supporting Design and Development activities using Machine Learning techniques. Developed a noise prediction model with accuracy more than 99+.
- *Related coursework:* Machine Learning(Regression), Data Visualization(Python - Seaborn, Matplotlib, Numpy)

EDUCATION

B.Tech. in Artificial Intelligence and Data Science	2022 - Present
Sri Sairam Engineering College [•] CGPA: 8.41/10	
Higher Secondary	2021 - 2022
St. Thomas Mat Hr. Sec School [•] Score: 91%	
Secondary	2019 - 2020
St. Thomas Mat Hr. Sec School [•] Score: 89%	

SKILLS

Programming Languages & Tools: C, Python, SQL, Java(Basics), Azure, Firebase, Git/GitHub

ML & AI Frameworks: TensorFlow, Keras, PyTorch, Scikit-learn, OpenCV, NLTK

Data Science & Visualization: Power BI, Excel, Seaborn, Matplotlib, Apache Hadoop

Other Skills & Activities: NSS, RC Trainer, Team Leadership, Online Trading, Quick Learner

Language: English, Hindi, Tamil

PROJECTS

Medpro

AI Chatbot for students

- *Work on:* Designed a chatbot that help school students to share their difficulties and get worked on it by the tasks given my Medpro.
- *Related coursework:* LLM models, Sentiment Analysis, Flask

Construction PPE detection system

Construction Site Project

- *Work on:* A YOLOv5 -based system for real -time PPE detection in construction site to enhance the safety of workers and achieved accuracy of 100%.
- *Related coursework:* YOLOv5, Machine Learning, Flask

SecureSphere

College Project

- *Work on:* Created a mobile application for Deaf/Mute to communicate with peoples without any boundary. Featuring ISL -to -Text to speech, Text -to -ISL and a gaming feature for children to learn ISL.
- *Related coursework:* OpenCV, Tensorflow, Keras, Numpy, Pillow, ImageAI, Stanza, Nltk, Stanford Parser, SiGML, Flutter, Figma

Asta 2.0

Voice Assistant

- *Work on:* Built a personalized AI voice assistant using Python, Speech Recognition, and Web Automation.
- *Related coursework:* Python, Speech Recognition, web browsers

Noise Level prediction in Industrial Valves

Intern Project

- *Work on:* A streamlit application was developed to predict the noise level of industrial valves by using the required parameters. This is my internship project, where I learned to prepare and pre-process data optimized for the machine-learning model to predict. I used a regressor that gave me an accuracy of more than 99%.
- *Related coursework:* Regression, Excel, Data Visualization, Streamlit