

VINIT RAJ SONI

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Education

Vellore Institute Of Technology, Andhra Pradesh

Aug. 2021

B.Tech Computer Science Engineering Specialization in AI and ML

Amaravati, Andhra Pradesh

- CGPA: 8.45/10.00

Relevant Coursework

- Artificial Intelligence
- Machine learning
- NLP
- Neural Networks
- SDLC
- Deep Learning
- Data Structures
- OOPS
- DevOps

Experience

Oasis Infobyte

Sep - Oct 2024

AICTE OIB-SIP internship in Data Analytics

Remote

- Data Integrity: Ensuring the accuracy, consistency, and reliability of data throughout the cleaning process.
- Missing Data Handling: Dealing with missing values by either imputing them or making informed decisions on how to handle gaps in the dataset.
- Duplicate Removal: Identifying and eliminating duplicate records to maintain data uniqueness.

Ethnus

Aug 2023 - Nov 2023

MERN Full Stack Developer

Remote

- Implement a solution in an efficient, friendly manner.
- Created scripts to automate common tasks and increase productivity.

Projects

Enhanced Spam Detection Models | *Machine Learning, Deep Learning, Natural Language Processing*

Dec - 2024

- Developed a robust spam detection system using advanced NLP techniques, including tokenization, stemming, lemmatization, and feature extraction methods such as TF-IDF and Word2Vec.
- Implemented and optimized machine learning models, achieving 98.31% accuracy with Random Forest and 97.40% accuracy with LSTM for spam classification on diverse datasets.

Ice Cream Shop Website | *Django, Bootstrap*

Dec - 2024

- User Authentication: Secure login system for personalized user experiences and data protection.
- Form Creation: Easy-to-use forms for custom ice cream orders and feedback submissions.
- Efficient Backend: Django provides a robust backend for smooth shop management and data handling.

Recommendation System Using TMDB API | *Machine Learning*

Aug - 2023

- Extracted movie data using the TMDB API to build a content-based recommendation system
- Developed an interactive user interface using Streamlit for ease of use
- Deployed the application on Hugging Face for public access and demonstration

Technical Skills / Soft Skills

Languages: Python, Java, HTML/CSS, Javascript, MySQL, MongoDB

Developer Tools: VS Code, Eclipse, Jupiter, Google Colab, Canva, Excel

Technologies/Frameworks: GitHub, Git, Django, Streamlit

Certificate: Generative AI with Large Language Models, Introduction to Computer Vision and Image Processing

Soft Skills: Leadership, Time management, Teamwork, Analytical thinking.

Leadership / Extracurricular

VIT-AP COMMUNITY RADIO(VCR)

Present

President

VIT-AP

- Led the establishment and operations of the university's first community radio, promoting student engagement and inclusivity.

WESTERN MUSIC CLUB

2023

Coordinating and Managing various music-related events.

VIT-AP

- Organized and managed live performances and competitions, handling logistics, venue setup, and sound systems.