

Venkata Aravind Vasa

Data Scientist

experienced professional building and optimizing the business solutions with Artificial Intelligence and Machine Learning. actively upgrading new skills and technologies in this fast evolving domain.

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EDUCATION

Bachelor of Technology

Gudlavalleru Engineering college

07/2018 - 05/2022,

India

Mechanical Engineering

- COMPUTER VISION Based 3 DOF robotic arm using Arduino and OpenCV
- movement of Human hand is replicated by the robotic arm
- Recognized as the best projects of the year
- graduated with a cgpa of 8.0

Class 12

Kendriya Vidyalaya Eluru

06/2017 - 05/2018,

India

Maths, Physics and Chemistry

- CGPA 8.02

WORK EXPERIENCE

Data Scientist

Virtusa Consulting Services

05/2022 - Present,

Hyderabad

worked with Fortune 500 clients

improved feedback analysis systems accuracy by 18%

- Built customer feedback analysis systems using Natural Language Processing (NLP) to categorize and interpret feedbacks efficiently. currently working on chatbots to improve customer experience.
- Developed Python microservice for feedback analysis is integrated with the existing Java backend services using REST.
- produced actionable insights from the feedbacks which added great value to the client.

Data Science Intern

Wipro

02/2022 - 05/2022,

Hyderabad

Data collection and machine learning model building

- Did data collection from various sources for the problem statement. converted the data to model trainable formats using pandas
- Built models that exceeded the expected metrics, this happened because of the huge amount of data collection and treatment

SKILLS

Natural language processing (NLP)

machine learning

computer vision

Deep learning

Python

MySQL

PowerBI

Tableau

Java

Angular

HTML, CSS, JavaScript

AWS

PERSONAL PROJECTS

TeGeL : Text Gen with LSTM (08/2023 - 08/2023)

- built a model that can generate the required length of sequence using the given input single sentence.
- model trained on Wikipedia data gained knowledge and generates the relevant context text for the initial sentence.

TweetSense: BERT LLM Finetuned (03/2023 - 04/2023)

- BERT LLM Finetuned for downstream text classification task to accurately categorize the tweet and its emotion, achieved 83% accuracy.

Book recommendation engine (09/2022 - 10/2022)

- used collaborative filtering to efficiently recommend the books

CERTIFICATES

Fine Tuning LLM by Coursera (10/2023 - 11/2023)

Oracle Certified java Associate (11/2022 - 11/2022)

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Telugu

Full Professional Proficiency

INTERESTS

Following space tech and news

Playing Basket ball