VENKATESH GOWDA

AI Undergraduate

Contact

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📍 Bengaluru, Karnataka

Education

2020 - 2024

Jyothy Institute of Technology
B.E in Artificial Intelligence & Machine Learning
CGPA: 7.1

Skills

Data Analytics and Visualization

Database Management

Machine Learning Algorithms

Natural Language Processing

Programming Languages (Python, Java, HTML, CSS)

Data Structures

Object Oriented Concepts

PowerBI

Git

Analytical Skills

Creativity and Innovation

Effective Communication

Presentation Skills

Public Speaking

Adaptability

Continuous Learning

Professional Summary

An Artificial Intelligence & Machine Learning graduate. My strengths lie in fostering effective collaboration within diverse teams through exceptional interpersonal skills. I have demonstrated technical proficiency through the successful completion of various machine learning projects. Committed to advancing within organizations, I aim to contribute to their continued progress and success.

Personal Projects

Pre-Diabetes Prediction | Machine Learning – Logistic Regression

- Developed predictive models to forecast future diabetes onset in patients.
- Skill in preprocessing and analysing healthcare data, including feature selection and model evaluation tailored to healthcare datasets.

Document Processor & Q-A System | Machine Learning - NLP

- Developed and Implemented document processing systems integrated with question-answering capabilities.
- Leveraging Natural Language Processing (NLP) techniques to develop robust document processing and question-answering systems.

Facial Emotion Detection | Neural Network - CNN

- Implemented a Facial Emotion Recognition system based on Convolutional Neural Networks (CNNs).
- Incorporating data preprocessing techniques for image manipulation and designing a model architecture with convolutional layers for effective classification.

Other: Titanic Survival Prediction, Feature extraction for the grocery store, PowerBI visualization of Employee dataset.

Academic Projects

Covid Bed Management System | DBMS

- Proficient in designing, implementing, and maintaining databases tailored to healthcare needs, ensuring efficient data storage, retrieval, and management.

Image Steganography | DIP

- Implemented image steganography techniques to enhance data security and confidentiality in digital communication.

Movie Recommendation System | Machine Learning

- Developed a movie recommendation system utilizing collaborative filtering algorithms to provide personalized suggestions based on user preferences and historical interactions with the platform, enhancing user engagement and satisfaction.

Achievement

Enigma 2K23 | Jyothy Institute of Technology

- Planned and executed the technical event "Enigma" with a primary focus on facilitating participant exposure to prevailing industry challenges.
- Effectively managed and supervised teams to ensure the successful hosting and seamless operation of the event.

Certifications

- AI for Product Management
- Cognizant's Artificial Intelligence Job Simulation on Forage
- Red Bull's On-Premise Sales Job Simulation on Forage
- Machine Learning with TensorFlow
- AI Engineer certification on Microsoft (*ongoing)