# Kondapalli Venkatesh

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## SKILLS

- **Languages**:          Python ,C++,Java, MySQL,HTML,CSS
- **Machine Learning:**  Supervised ,Unsupervised , Reinforcement Learning,Natural process Language
- **FrameWorks:**        Tensorflow,  Scikit-Learn, Keras
- **Soft Skills**:        Problem-Solving Skills, Team Player, Adaptability, Analatical skills

## PROJECTS

- **News Article Recommendations**                                         Sept 2024 -Dec2024
    - Built a machine learning-based recommendation system to suggest relevant news articles based on user preferences.
    - Implemented clustering techniques and NLP for content similarity, achieving a silhouette score of 81%.
    - Optimized model performance through feature engineering and fine-tuning.
    - Tech Used: Python, Scikit-learn, NLP (TF-IDF, Word2Vec), Clustering (K-Means), Pandas, NumPy, Recommendation Algorithms, Model Evaluation (Silhouette Score: 81%).
- **Neural Machine Translator**                                            Sept2024-Dec2024
    - Developed a Neural Machine Translation (NMT) model using TensorFlow, PyTorch, and the Transformer architecture.
    - Focused on data preprocessing, model training, and hyperparameter tuning to optimize performance.
    - Achieved an accuracy of 84.1% using the BLEU score, demonstrating significant improvements in translation quality.
- **House Price prediction**                                               Jan2024 - April2024
    - Developing a machine learning model using regression and classification to predict house prices based on user-defined preferences (e.g., area square footage).
    - Achieved an accuracy score of 88.5% by optimizing model performance.
    - Evaluated errors and improved predictions through data preprocessing and fine-tuning.
    - **Tech Used:** Python, Scikit-learn, Pandas, NumPy, Matplotlib, Regression & Classification Models, Data Preprocessing, Model Evaluation (Accuracy: 88.5%).
- **Blood Donation Website**                                               July 2023 – Nov 2023
    - Developed a responsive blood donation website using HTML and CSS.
    - Enabled users to register as donors and find blood donors based on location and blood type.
    - Designed an intuitive user interface with a focus on accessibility and ease of use.

## CERTIFICATES

- Cloud Computing (NPTEL)                                                  July 2024 –Oct 2024
- HTML, CSS, and JavaScript for Web Developers (Coursera)                  July 2024 –Oct 2024
- Mastering Data Structures & Algorithms using C++(Udemy)                  Jan 2024 - Mar 2024

## EDUCATION

- **Lovely  Professional  University**                                     Punjab, India
  *Bachelor of Technology - Computer Science and Engineering;* **CGPA: 6.5**   *Since August 2022*
- **Narayana Junior Collage**                                              Visakapatanam,AP
  *Intermediate;* **Percentage: 89.2%**                                    *June 2020- May 2022*
- **Narayana English Medium school**                                       peddipalem,vishakaptanam
  *Matriculation;* **Grade ; 9.8**                                         *May 2019 - April 2020*