NANDISHWAR BHOJANAPU

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Summary

Machine Learning Engineer with expertise in deep learning, computer vision, and NLP. Proficient in Python and Java, with hands-on experience in predictive modeling, real-time solutions, and deployment using TensorFlow and Keras.

Skills

- **Programming Languages:** Python, Java,
- **Machine Learning & AI:** Deep Learning, Neural Networks, NLP, Computer Vision, Transfer Learning
- **Modeling Techniques:** CNNs, RNNs, ResNet, DenseNet, BERT, GPT

- **Frameworks & Tools:** TensorFlow, Keras, Scikit-learn, OpenCV
- **Soft Skills**: Analytical Thinking, Time Management, Adaptive team player
- **Operating Systems & DBMS** : Linux & MySQL

Experience

Machine Learning Intern   06/2024 - 08/2024

Feynn Labs | Hyderabad, India

- Developed AI product prototypes for small businesses, focusing on abstract design and strategic implementation.
- Analyzed the Indian electric vehicle (EV) market using segmentation techniques and machine learning models to create a strategic market entry plan.
- Conducted in-depth market research, identifying key questions based on client needs, including the type of EV to produce (e.g., bikes, scooters, sedans) and target demographics.
- Designed financial models to forecast market trends, providing actionable insights for product development and business growth.

Education

Bachelor of Science: Computer Science And Engineering (Hons)   06/2024

Lovely Professional University | Jalandhar, Punjab

- 7.71 GPA

Projects

Diabetic Retinopathy Detection, Capstone Project, Published Research Paper:

- *Developed a deep learning model to detect diabetic retinopathy from fundus images using transfer learning.*
- *Compared ResNet50, DenseNet201, and AlexNet to optimize performance.*
- *Utilized the DiaretDB1 dataset for accurate diagnosis and improved early detection.*

Music Genre Classification, Course work project:

- *Built CNN and RNN models to classify music genres using the GTZAN dataset.*
- *Analyzed audio features to train and evaluate models for high classification accuracy.*

Artist Classification, Course work Project

- *Applied the ResNet50 model to classify artworks by different artists.*
- *Preprocessed data from Kaggle to achieve precise artist identification.*