JAGADEESH

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PROFESSIONAL SUMMARY

Results-oriented recent graduates with a strong foundation in current technologies, Eager to contribute to a team environment and constantly develop new skills with experienced professionals. Possesses a passion for learning and thrives in a dynamic environment where new technologies are readily adopted.

EDUCATION

Master of Science In data science and business analytics   Sep/2022 - May/2024
Vels Institute of Science, technology & Advanced Studies.   Chennai
Bachelor of Computer Application   Aug/2019 - July/2022
S.I.V.E.T College.   Chennai

TECHNICAL SKILLS

Languages: Python, HTML/CSS, JavaScript, SQL, ReactJs.
Tools: VS code, Google Colab, Github.
Frameworks: Django, scikit-learn, Tensorflow, Keras.
Data Analysis: Pandas, Numpy, Matplotlib, Seaborn.

EXPERIENCE

Cluster Wings technologies   Jan/2024 - Mar/2024
Machine learning Intern   Chennai
- Implemented data cleaning, normalization, and feature engineering techniques on large datasets, improving model performance and reducing computational load.
- Built and fine-tuned machine learning models using Python libraries such as TensorFlow, Keras, and Scikit-learn to predict feature outcome and increase model accuracy.
- Created data visualization using Python libraries such as Matplotlib and seaborn.

Shiash Info Solutions   Aug/2022 - Oct/2022
Python Intern   Chennai
- Developed RESTFull APIs using Django framework, enabling efficient data management and seamless integration with front-end applications.
- Created responsive and dynamic user interfaces with HTML5, CSS3, JavaScript, and React, improving user experience and engagement.
- Designed and maintained databases using SQlite and Mysql, optimizing queries and ensuring data integrity.
- Utilized Git for version control, collaborating with team members through branches, pull requests, and code reviews.

PROJECTS

Chatbot | Python, Google Colab   Nov/2023
- Developed a Chatbot capable of understanding and responding to user queries based on retrieval based techniques combined with NLP and neural network. And deployed the Chatbot as a web application using Django
- Implemented Neural network using Tensorflow, keras, scikitlearn and perform tokenization, stemming, lemmatization and word embeddings techniques.

Optical Character Recognition (OCR) | Python, Google Colab   APR/2024
- Developed OCR system capable of accurately extracting text from images using Convolutional Neural Network for character recognition and OpenCv for image preprocessing and text extraction.
- Performed Resized, enhanced, and binarized images to improve text visibility. Designed and trained a CNN model using TensorFlow to recognize characters from the preprocessed images.
- Employed the trained CNN model to extract text from the given images, utilizing OpenCV for text detection and region extraction. and Applied spell-checking module to extract text.