Shruthi Dulluri

DATA VISUALIZATION & AI ENGINEER

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Summary

Aspiring AI enthusiast with a solid academic foundation seeking an entry-level role to apply knowledge and contribute to cutting- edge AI projects. Eager to collaborate, learn, and grow in a dynamic environment while leveraging a passion for machine learning.

Experience

T3D Consulting and Innovation Company
(2022-Till Date)

DATA VISUALIZATION & AI ENGINEER

- As a Data visualization engineer, I contributed to over 10 client dashboards in Power BI.
- Exposure on data cleansing, modeling, and machine learning aspects.
- Supported with documentation and literature survey for cutting edge research topics.

Skillset

1) AI/ML, Python, Power BI Desktop, Spark, Flask, Generative AI, R Language (Basics)
2) SQL, MS Excel
3) Google Cloud Platform (Basics)

Educational Profile

1) Masters in Artificial Intelligence Program (Apr 2023 – Dec 2023) (GPA 4.5/5)
2) Masters in Wireless & Mobile Communications (Nov 2011-Feb-2014) (72.7%)
3) Course on Derivative & Trading strategies (Nov 2022 – Jan 2023)

Certifications

1) Deep Learning with Tensor flow: IBM
2) Data Analysis with Python: IBM
3) Machine Learning with Python (Level 1): IBM

Selected Projects profile:

- Dashboard on anomaly identification in crypto-currency returns
  Summary: Creation of Dashboard which shows the trend of daily returns of various crypto currencies and analyze their performance.
- LSTM implementation and fine-tuning for stock-price prediction; NSE index – customized from air traffic prediction
  Summary: Predicted the Close Values of Nifty Close prices by using LSTM with the help of time series generator function in Tensor Flow and Keras
- Image classification – Crack detection via CNN model
  Summary: Image Class prediction using Computer Vision and Convolution Neural Networks
- Sentiment Analysis -Twitter data by using pre-trained model
  Summary: Implemented BERT for versatile task of sentiment analysis of twitter data with around 1 million tweets, showcasing proficiency in transformer models
- Text-to Video Generation using Diffusion Model
  Summary: Implemented text-to-video generation using the Diffusion Model showcasing creativity in Multimedia content
- Cifar 100 Dataset classification using InceptionV3
  Summary: Applied InceptionV3 to achieve high accuracy in classifying CIFAR-100 dataset, showcasing diverse model applications
- Image Captioning using BLIP
  Summary: Implemented Bootstrapping Language-Image pre-training for unified vision language, understanding and generation in image captioning