Yaswanth Ampolu

6305151728 | ampoluyaswanth2002@gmail.com | yaswanth-ampolu

Technical Skills

Languages: Python, SQL
Tools: Power Bi, Excel, Advanced Excel, Tableau, Grafana
Machine Learning Frameworks and Libraries: Scikit-learn, TensorFlow, PyTorch, Keras Data
Analysis and Visualization:NumPy, Pandas, Matplotlib, Seaborn, Plotly
Model Deployment: Streamlit / Gradio, Flask / Django for ML APIs
Deep Learning: Neural Networks, CNN, RNN, LSTM, Transfer Learning
Generative AI: LLM, RAG, Propmting, LangChain, OpenAI, Agent AI

Experience

Data-Science Intern   Jul 2023 – Aug 2023
Cloud Technologies   Part-time   Onsite - Hyderabad

- Conducting research on data analysis and machine learning, with a focus on exploratory data analysis, predictive modeling, and creating data visualizations, resulting in impactful solutions to complex business problems.
- Exploring advanced AI techniques by developing models and conducting research aimed at improving algorithms and statistical methods in real-world applications.
- Presenting analysis results to senior management, showcasing the strategic impact of data insights on business processes.

Automation Engneer   May 2024 – Present
Sierraedge Ai Pvt Ltd   Onsite - Bengaluru

- Trained large language models (LLMs) and developed custom datasets to power advanced AI solutions.
- Built AI applications, delivering end-to-end solutions for real-world challenges and business needs.
- Developed visualization pipelines to present AI model outputs and performance metrics effectively to management.

Projects

MultiMedia Analysis using Generative AI: Speech into text, image into text using Whisper AI, TTS.

Datag Analysis Projects: Analysis and Visualization on Different Dataset using Pandas.

Language Translator using Hugging Face: Translate multiple languages using Hugging Face.

Q&A using LangChain Question and Answer chatbot using LangChain.

Certificates

NLP with Python for Machine Learning Essential Training
Intro to Programming with Python
Geoprocessing using Python
Python programming Bible - From Beginner to Advanced

Extracurricular Activities

- Volunteering and Community Service
- Artistic Pursuits
- Solo Travel communities

Education

Aditya Institute of Technology and   Tekkali, Andhra Pradesh
Management in Information Technology   Aug 2020 – April 2024