GURUNATH REDDY

Software Engineer | Data Science

9440497328 gurunathreddy2727@gmail.com LinkedIn, Github, Portfolio Hyderabad

SUMMARY

Analytical and detail-oriented data science enthusiast with a solid foundation in machine learning, deep learning, agentic AI systems and data analysis. Skilled in performing end-to-end data analysis using Python, SQL,and Power BI. Proficient in building predictive models and intelligent solutions using Scikit-learn, and NLP techniques.

EXPERIENCE

Sep 2021 - May 2023

Technical Assistant @ RACEnergy

- Maintained technical documentation and prepared standard operating procedures (SOPs)
- Assisted in troubleshooting and repairing EV infrastructure equipment

Feb 2024 - Nov 2024

Freelance Content Reviewer @ Centific

- Evaluated AI-generated responses for factual accuracy and clarity
- Assessed language fluency, tone, and coherence of machine outputs

EDUCATION

Bachelor of Technology

Visvesvaraya College of Engineering and Technology

08/2017 - 06/2022 Hyderabad

Intermediate

Sri Gayatri Junior College

04/2015 - 06/2017 Hyderabad

SSC

DAV High School

06/2014 - 05/2015 Egalapenta, Srisailam

SKILLS

Programming Languages

Java, Python, SQL

Data Science & AI

Machine Learning, Deep LearningNLP, Transformers, LLMs, Pandas, NumPy

Deployment & DevOps

Docker, Kubernetes, CI/CD Pipelines, GitHub Actions, Render, Supabase

Frameworks & Libraries

Scikit-Learn, TensorFlow, Keras, Streamlit, Flask

IDEs & Development Tools

VS Code, Jupyter, Collab, IntelliJ

Visualization Tools

Power BI, Matplotlib, Seaborn

PROJECTS

Customer Segmentation

Customer Segmentation Using Machine Learning

- Analyzed customer data and grouped similar customers using **K-Means clustering**
- Performed data cleaning and preprocessing using **Pandas** and **NumPy**

Student Grading System

Developed a Student Grading System for managing academic records

- Implemented role-based access control for secure data handling
- Used **Pandas** for data storage and manipulation in a **Tkinter**-based GUI application

House Price Prediction

Developed a model predicting house prices based on various features

- Predicted property prices using multiple regression models [**Linear, SVR, Random Forest**]
- Deployed the model with **Flask** for user interaction

Movie Recommendation System

Created an innovative movie recommendation system

- Recommended movies based on textual similarity using **TF-IDF Vectorization**
- Calculated **Cosine similarity** to find and suggest similar movie plots

Certification

Full Stack Development

BridgeLabz

08/2022 - 04/2023 Hyderabad

Languages

English, Hindi, Telugu