GATLA DURGESH REDDY

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Summary

Seeking for an entry-level position in an organization where I can utilize my skills and educational background, passion for learning, and my dedication to contribute effectively to the company's success and further develop my professional skills capabilities.

Education

Bapatla Engineering College   **2020 - 2024**
B.Tech - Data Science - ***CGPA: 8.46***   *Bapatla, Andhra Pradesh*

Narayana Junior College   **2018 - 2020**
Intermediate [M.P.C.] - ***CGPA: 8.98***   *Vijayawada, Andhra Pradesh*

Ravindra Bharathi School   **2017 - 2018**
Board of Secondary Education - ***CGPA: 9.5***   *Vijayawada, Andhra Pradesh*

Skills

Technologies: Data Analysis, Data Science, Machine Learning, Deep Learning, Natural Language Processing, Flask, Llama Index, Lang-chain, RAG, and Large Language Models.

Languages : Python and SQL.

Tools & Modules: Power BI, Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn, Plotly, Keras .

Projects

Chatbot Using LLM   *[December 2024]*

This project involves the development of Flask application showcasing the capabilities of AI models. The first application generates text using the Microsoft's Phi-3.5-mini-instruct model, while the second generates descriptive captions for images using Salesforce's BLIP image captioning model.

AWS Review analysis   *[December 2024]*

This project focuses on sentiment analysis using the AWS Reviews dataset to understand customer opinions and feedback. It involves processing and analyzing review text to classify sentiments as positive, negative, or neutral. By leveraging natural language processing techniques, the project extracts insights into customer satisfaction and product performance. The results help businesses improve decision-making and enhance customer experiences.

Resume Analysis using Llama Index   *[November 2024]*

The project utilizes LlamaIndex to analyze and evaluate resumes by integrating large language models with structured data sources. It extracts key information, such as skills, qualifications, and experience, to assess candidate suitability. The application streamlines recruitment by automating resume parsing, comparison, and matching to job requirements. This solution enhances efficiency in the hiring process while providing detailed insights into candidate profiles

Milk Price Prediction Using Machine Learning   *[October 2024]*

This project involved building a regression model to predict milk prices using data from dairy farm records. Key features such as weight, fat content, and volume were analyzed to determine their impact on pricing. The model leverages statistical techniques and machine learning to provide accurate price predictions. This solution aids farmers and businesses in making data-driven pricing decisions to optimize profitability.

Chronic Kidney Disease Classification *[January 2024 - April 2024]*

Chronic Kidney Disease (CKD) is a long-term condition characterized by the gradual loss of kidney function over time. It affects the kidneys' ability to filter waste, excess fluids, and toxins from the blood, leading to serious health complications. Common causes include diabetes, high blood pressure, and certain genetic or autoimmune disorders. Early detection and management are crucial to slow progression and prevent complications like kidney failure or cardiovascular disease.

Internships

Data Science Intern at *SkillDzire collaboration with APSCHE* *[February 2024 - April 2023]*

Developed a prediction models as a project using Machine Learning and also implemented Exploratory Data Analysis for datasets like Google Play Store dataset, etc..

Data Science Intern at *Oasis Infobyte Solutions Pvt. Ltd.* *[August 2023 - September 2023]*

Developed a car price prediction model using machine learning algorithms based on vehicle attributes such as mileage, cylinders, and gear type. Utilized Python and Scikit-Learn for model development and evaluation.

Data Analytics Virtual Internship at *Forage* – Virtual *[July 2023]*

Explored data analytics workflows, building foundational knowledge in data visualization and analytics using Python.

Artificial Intelligence Internship at *Spypro Security Solutions Pvt. Ltd.* *[May 2023 - June 2023]*

Developed CIFAR Object Regression Model with Deep Learning ,Machine Learning and Data Visualization Skills using Python.

Achievements & Certifications

Introduction to Programming Using Python - Microsoft (MTA)

Data Analytics with Python - NPTEL

Python for Data Science - NPTEL

Python for Data Science - Infosys Springboard

Data Science & Analytics - HP Life

Python Essentials 1 - Cisco Network Academy

Artificial Intelligence Fundamentals - IBM Skills Build

Languages and Hobbies

Languages : English and Telugu.

Hobbies : Playing cricket, and listening to music.