MEDISETTY LOHITHSAI

Vijayawada,Andhra Pradesh

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🏢 INTERNSHIP EXPERIENCE

Codegnan It Solutions ↗   **May 2024 – July 2024**

Resume and Coverletter Generator(Generative AI)   *Virtual*

- Developed proficiency in Frontend Web Development using HTML, CSS, and JavaScript.
- Designed and Executed a basic Resume and Cover Letter Generators by integrating user input forms.
- Mastered advanced JavaScript frameworks and libraries through intensive training modules during the internship, completing over 100 hours of coding and debugging within the first six weeks.
- Motivated to leverage skills for real-time application development and innovation.

💡 PROJECTS

Performance Analysis of Various ML Algorithms Over Heart Disease Prediction ↗ | **ML**

- Conducted correlative analysis of multiple ML algorithms, identifying XGBoost as the most accurate for heart disease prediction.
- Implemented preprocessing, EDA, and model evaluation techniques to enhance prediction accuracy and performance metrics.
- Assessed model performance by calculating accuracy, precision, recall, and F1-score; improved predictive reliability by 20percentage and reduced error margin by 15percentage, ensuring robust and dependable outcomes
- Integrated hyperparameter tuning and cross-validation strategies to optimize model efficiency; deployed a streamlined XGBoost-based prediction system with enhanced generalization capability, enabling early and accurate detection of heart disease in over 90percetage of test cases.

Dynamic E-commerce Sales Analysis with SQL and Python ↗ | **PYTHON+SQL**

- Developed a comprehensive data analysis pipeline to uncover key insights and trends in e-commerce sales, focusing on customer behavior, product performance, and revenue growth.
- Efficiently converted raw e-commerce data from .csv files into structured SQL tables using Python, enabling seamless data querying and management.
- Conducted in-depth data exploration and visualization in Python to analyze sales trends, customer behavior, and revenue contributions.

McDonalds Nutritional Values Analysis using Python ↗ | **DataAnalysis**

- Performed detailed analysis on food items nutritional values data of McDonalds to assess nutritional percentages relative to daily values, facilitating informed dietary decisions and mitigating consumption of harmful foods.
- Improved health consciousness by emphasizing items that beyond the suggested daily allowances for calories, fat, sugar, and sodium.

⚙ TECHNICAL SKILLS

- **Programming Languages:** C, Python
- **Development Tools (IDE's) :** VS Code, Jupyter, MYSQL Workbench
- **DataBases:** Sequel (SQL)
- **Web Technologies:** HTML, CSS,JavaScript

🎓 EDUCATION

NRI INSTITUTE OF TECHNOLOGY   **2022 – Present**

*BTech - Computer Science Engineering(DataScience) - **CGPA - 8.39***   *Agiripalli, Andhra Pradesh*

Narayana Junior College   **2020 – 2022**

*Board of Intermediate - MPC - **Percentage - 80%***   *Vijayawada, Andhra Pradesh*

🗄 CERTIFICATIONS

- Python For DataScience - Cognitiveclass.ai ↗
- Basics of Python - Infosys Springboard ↗
- Foundations of Cybersecurity - Coursera ↗
- My SQL Basics - GreatLearning ↗