SRINU JONNADA

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EDUCATION

Sri Mittapalli College Of Engineering   Guntur, Andhra Pradesh
B.Tech - Computer Science and Engineering   CGPA: 7.34   [2020-2024]
NRI Junior College   Guntur, Andhra Pradesh
Intermediate - MPC   GPA: 8.40   [2018-2020]

CORE SKILLS

Programming Language: Python
Database : SQL
Data Visualization Tools: Power BI, EXCEL
Data Analysis: Statistical, Data Validation, Data Modeling
Data Handling: Data Gathering, Data Cleaning

Internships

Data Science (Yhills Edutech)   June-2023
- Enhanced data analytics capabilities using Python, resulting in significant improvements in data cleaning and visualization techniques.
- Established and implemented a regression model to predict taxi fares, demonstrating proficiency in machine learning algorithms. Created a classification model for H1N1 vaccine prediction, showcasing expertise in data preprocessing, feature engineering, and model evaluation.
- Strengthened Python skills by leading a team to solve complex coding challenges, resulting in a 40 percent reduction in error rates and a 25 percent boost in application performance

Projects

Identifying Bone Tumor by using X-Ray Images

- Recognized for achieving high accuracy in tumor detection 96 percent using the trained CNN model.
- Successfully integrated FTP functionality for secure and efficient data transfer.
- Created a user-friendly graphical interface using Tkinter for seamless interaction.
- Technologies Used : Python, Computer vision and machine libraries , Deep learning libraries(CNN), OPEN CV, KERAS AND TENSORFLOW

Predictive Maintenance Project: Air compressors using sensor data from the MetroPT-3
- Developed and deployed sophisticated image segmentation and classification methods, increasing tumor detection accuracy by 35 percent and providing comprehensive analysis for enhanced treatment planning and research.
- Provided actionable insights to optimize maintenance schedules and improve operational efficiency.

Certificates

- Earned Data Analytics job simulation certificate by ACCENTURE NORTH AMERICA.
- Earned Data Science Job simulation certificate by BRITISH AIRWAYS.
- Data Science Intership certificate by Yhills Edutech.

Achievements

- Earned 4-star Python coder ranking on HackerRank by excelling in high-stakes coding challenges, showcasing advanced skills in Python programming, algorithms, and efficient problem-solving across 30+ competitive contests.

- Achieved the status of a "4-star SQL coder" on HackerRank, demonstrating advanced proficiency in SQL programming, database management, and query optimization through a series of coding challenges and contests. .
- Represented SRI MITTAPALLI COLLEGE OF ENGINEERING as a dedicated National Service Scheme (NSS) student and contributed in many social activities including debates, plantation and rallies.

Additional Information

- **Languages**:English, Telugu, Hindi
- **Availability**:Immediate, or provide a notice period if applicable