SRINU JONNADA

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

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