Maheswara Reddy Peram

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EDUCATION

LAKI REDDY BALI REDDY COLLEGE OF ENGINEERING   **Mylavaram, AP**

B.Tech in Artificial Intelligence and Data Science ;   **2021-2025**
Cumulative GPA: 8.32/10.0;
Relevant Course work: Full Stack Development, Software Engineering, Operating Systems; SDLC; Artificial Intelligence

OXFORD JUNIOR COLLEGE Narasaraopet, AP Intermediate, 947/1000 marks   **June 2019 –June 2021**

OXFORD CONCEPT SCHOOL Narasaraopet, AP 10th Standard, Cumulative GPA:9.7/10   **June 2018-April 2019**

WORK EXPERIENCE

DATAOPS TECHNOLOGY SOLUTIONS. Bangalore, KA Data Integration Intern
- Developed ETL processes to integrate data from multiple sources, streamlining data flow and improving efficiency by 20%.
- Created and maintained data integration pipelines that consolidated data from over 30 disparate sources, resulting in more accurate and timely business insights.
- Designed and implemented a data integration framework in a team of 5, supporting the launch of a new analytics platform that was scaled to handle 50,000 daily active users.
- Automated data cleansing and transformation tasks, reducing manual data preparation time by 15 hours per week and enhancing data quality.

UNIVERSITY PROJECTS

STUDENT ACADEMIC PERFORMANCE ANALYSIS
- Led the design and implementation of a comprehensive machine learning model within a team of three, utilizing Linear Regression, SVM, and Random Forest algorithms.
- The project focused on predicting students' academic performance by analyzing various features such as demographics, previous academic records, and other relevant factors.
- The predictive model developed through this project aids educational institutions in identifying students who might need additional support, enabling the customization of targeted interventions to improve overall academic outcomes and student success.

HUMAN STRESS DETECTION USING DEEP LEARNING
- Orchestrated the implementation of a deep learning model employing TensorFlow, resulting in a 40% reduction in manual data processing time, ultimately enhancing team efficiency and accelerating project timelines.
- This project involves the creation of a sophisticated deep learning system designed to analyze various physiological signals, such as heart rate, electrodermal activity, and facial expressions, to accurately determine an individual's stress level. The system utilizes convolutional neural networks (CNNs) and recurrent neural networks (RNNs) to process and interpret the data.
- DEVELOPED AND CUSTOMIZED ERP SOLUTIONS to meet client-specific requirements, improving business process efficiency by 30%.

ADDITIONAL

Technical Skills: Advanced in SQL, PHP, Javascript, HTML/CSS; Proficient in MATLAB, Python, JAVA,SDLC
Languages: Fluent in English; Conversational Proficiency in HINDI.
Certifications & Training: Introduction to packet tracer from Cisco, Exploring Machine Learning using python , HTML from Infosys SpringBoard, AWS from Brain O vision, Mongodb from Mongodb, Data Analytics from Microsoft