ROHITH SADAM

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EDUCATION

University Of Florida, Masters Degree JULY 2025
COMPUTER SCIENCE
Grade 3.44%

Vnr Vignana Jyothi Institute of Engineering And Technology, Undergraduation August 2023
COMPUTER SCIENCE AND ENGINEERING
CGPA 8.32

EXPERIENCE

DATASTAGE DEVELOPER INTERNSHIP - Advance Auto Parts Feb 2023 - May 2023

- Engineered and optimized complex DataStage workflows to align with business needs; streamlined data validation, cleansing, and transformation processes, leading to a 30% improvement in data quality and a 20% reduction in project timelines.
- Developed and executed intricate DataStage jobs to meet business demands, encompassing data validation, cleansing, and transformation, resulting in a 40% reduction in data processing time and a 25% increase in data accuracy.
- Used DB Visualizer to access and manipulate data stored in Oracle and DB2 databases.Presented technical demos of ETL jobs to IT managers and the Leadership Team using PPTs and POCs to showcase the functionality and benefits of the solutions.

SKILLS

Languages	HTML, CSS, Javascript, C++, Java, SpringBoot, SQL, Reactjs, Nodejs.
Tools	DataStage, DBvisualizer
Technical Skills	Database Management, Data Analysis, Data Visualization
Soft Skills	Project management, Teamwork, Communication, Problem-Solving, Leadership, Analytics, Customer service, Research.

COURSE WORK

Analysis of Algorithms, Advance Data Structures, Database Management System, Data Engineering,

PROJECTS

DEVELOPMENT OF WEB-BASED ICEBERG DETECTION USING DEEP LEARNING

- Enhanced system efficiency and accuracy by optimizing the deep learning algorithm, achieving a significant reduction in computation time without compromising the model's precision and reliability in iceberg detection.
- Designed and implemented a convolutional neural network (CNN) model to detect icebergs in satellite images with an accuracy of 87

INTEGRATED AIRLINE OPERATIONS AND PASSENGER SATISFACTION ANALYSIS (IAOPSA)

- Headed development of the pioneering "Integrated Airline Operations and Passenger Satisfaction Analysis" (IAOPSA) application, achieving a 25% improvement in assessing weather impacts on U.S. airline operations and passenger experiences.
- Conducted sophisticated data analysis, including seasonal studies, delay trends, and predictive modeling, improving weather-induced flight delay forecasting by 20% and elevating operational decision-making.