

HARSHA NANNAPANENI

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EDUCATION

UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK

Master of Science, Business Analytics (STEM Designated)

AUGUST 2022 - JUNE 2023

Courses: Predictive Analytics, Statistical Analytics, Prescriptive Analytics, Database Management Systems etc.

GPA 4.0/4.0

CVR COLLEGE OF ENGINEERING, HYDERABAD, INDIA

Bachelor of Technology, Electronics and Communication Engineering

JUNE 2018 - JUNE 2022

GPA 3.92/4.0

EXPERIENCE

Professional Experience

DATABASE ASSOCIATE, QUEST ALLIANCE, Hyderabad, India:

May 2021 - May 2022

- Gathered requirements and business process knowledge to transform data in a way that's geared towards needs of end users: Handled 175 centre sheets to build donor facing reports.
- Designed, implemented, and expanded data pipelines by performing extraction, transformation, and loading activities: Helped teams do monitoring and evaluation of 120 consultants by tracking day-to-day activities through dashboards.
- Built data visualization as per analytics requirements on Superset, Maintain and improve already existing processes. Ensured data architecture is scalable and maintainable: Developed a SOP to handle data at 170+ centres.
- Dealt with program, data, and technology teams in designing and delivering correct, high-quality data: Trained 100+ consultants on how to deal with data efficiently.

Academic Experiences:

CVR COLLEGE OF ENGINEERING:

- Created Smart Precision Interface for Conventional Agricultural Methods (SPICAM): Provided 1 LoRaWAN-based Precision agricultural Solution to help improve plant yield.
- Developed Smart Meter Interface (SMI): Created 2 smart communication interfaces for conventional energy meters using LPWAN technologies (LoRaWAN)

UNIVERSITY AT BUFFALO:

- Predictive Analytics - Developed machine learning classification and regression algorithms in Python, for Boston house price prediction and personal loan acceptance.
- Statistical Analytics - Performed exploratory data analysis (EDA), A/B Testing and statistical analysis (Linear regression) to predict the winnings for NASCAR Drivers.
- Database Management Systems - Developed a dummy management system for English Premier League (EPL) to store, manipulate, and know the player stats by designing an ER-Model and translated the model to relational schema and implemented in the ORACLE Cloud.

KEY SKILLS

Analytical Tools: Microsoft Excel, MySQL, Oracle DB, Tableau, Apache Superset

Languages: English, Hindi, Telugu

Software Knowledge: C, Python (NumPy, Pandas, scikit learn etc..), VBA, MATLAB

CERTIFICATIONS:

Finished certification courses in UDEMY on SQL, Excel, Python, Tableau.

RECOGNITION

- Got funding of approximately 4900 dollars for projects SPICAM and SMI
- Received best project award for SPICAM.

VOLUNTEER WORK

- College Fest: Led as a facilitator for "Team and in-Member registration"
- Volunteered and trained young women with basics of coding at QUEST Alliance
- Tutored poor people and taught few STEM-related subjects Mathematics and Science