SUPRAJA RONTALA

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OBJECTIVE

Motivated Computer Science graduate student with a focus on data science, machine learning, and AI. Skilled I n Python, algorithms, and data structures with hands-on experience in AI/ML model development. Passionate about solving real-world problems through data-driven and software-based solutions.

EDUCATION

University of North Texas – CGPA: 3.7/4   **Denton, Texas, USA**

Master of science in computer science   August 2023 – May 2025

Jawaharlal Nehru Technological University   **Hyderabad, Telangana, India**

Bachelors in computer science and engineering   July 2018 - May 2022

TECHNICAL SKILLS

- **Language**s : Python, SQL
- **Libraries** : NumPy, Pandas
- **VI Tools** : Tableau, Power BI
- **Tools** : MATLAB, Excel
- **Soft Skills** : Problem solving, Team collaboration, Effective communication,
- **Cloud Platforms** : AWS (S3, Glue, Redshift)

EXPERIENCE

Student Assistant
University of North Texas
March 2024 – May 2025

- Built team collaboration and multi-tasking.
- Developed technical and logical skills

Data Science Intern
Internshala
Sep 2022 – March 2023

- Collected, cleaned, and processed raw data for analysis using Python and SQL.
- Conducted exploratory data analysis (EDA) to identify trends and insights.
- Created interactive visualizations using Tableau, Power BI, and Matplotlib.
- Collaborated on real-world projects, documenting findings and recommendations.

PROJECTS

Customer Contact Volume Forecasting with Real – Time Analytics   **Jan 2025 - May 2025**

- Developed predictive models by using regression, clustering, and time-series techniques
- Built real-time pipelines using PySpark and AWS services, Integrated forecasts into Tableau dashboards to support operational planning

Chatbot for Blind using Python: **Aug 2023 - Dec 2023**

- Developed a voice-enabled chatbot to assist visually impaired users with daily tasks like playing music, telling time, and delivering news.
- Implemented speech recognition, text-to-speech, and API integrations for Wikipedia, weather, and news updates to ensure hands-free accessibility.

Real Time Object Detection using YOLO algorithm with Python   **Jan 2022 – May 2022**

- YOLO means You Only Look Once algorithm which is used to detect real time objects, it can also detect multiple objects at a time. It is good for detecting objects because of their speed and accuracy

CERTIFICATIONS

1. IBM Professional Data Analyst
2. Excel Analysis - Coursera