HEENA MULLA

KURNOOL, ANDHRA PRADESH

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EDUCATION

AP - IIIT - RGUKT   **AUG 2019 – MAY 2023**
*Bachelor of Technology in **Computer Science Engineering** - **CGPA** - **8.90*** *RK VALLAEY , KADAPA(D)*

AP -IIIT - RGUKT   **AUG 2017 – MAY 2019**
*Pre-university course in **MPC** - **CGPA** - **8.66***   *RK VALLAEY, KADAPA(D)*

SSC - Machani Somappa Zilla Parishad Girls High School   **JULY 2012 – MAY 2017**
*Completed Secondary Schooling **(AP Board)** - **CGPA** - **9.8***   *Yemmiganur(M), Kurnool(Dist)*

TECHNICAL SKILLS

Languages: Python, Java, C, C++
Web Development: Bootstrap, HTML, CSS, JavaScript(basics)
Databases: PostgreSQL, DuckDB, MySQL
Frameworks: Flask, FastAPI

WORK EXPERIENCE

xFusion Technologies   **OCT 2023 – PRESENT**
Junior Software Engineer   *Kolkata, India*

- Developed **REST APIs** using the Flask API framework.
- Worked extensively on data analysis, utilizing tools like **NumPy, Pandas** and **Matplotlib** for processing, analyzing, and visualizing large datasets.
- Leveraged **DuckDB** for fast query execution and efficient data processing to convert CSV, Excel, and Parquet files into file assets for future use in data transformation and querying.
- Designed and implemented data pipeline dashboards, providing real-time insights into process execution, performance metrics, and error tracking. Monitored **DAG, DAGRUN,** and **TASK** levels, leveraging DuckDB to store and manage critical data, such as unprocessed, skipped, and input/output records for dataset, MIL, and data blend operators.
- Worked with geospatial data, including extracting JSON schemas and storing the data into DuckDB, and querying the geospatial data.
- Identified and resolved issues by debugging code, improving the stability and functionality of the system.
- Developed and executed test cases using **Selenium** with Python and **Behave (BDD framework)**.

PROJECTS

Unified Data Platform (UDP):

- Contributed significantly to the Unified Data Platform (UDP), a cutting-edge no-code/low-code platform driven by generative AI. UDP is designed to simplify the transition from raw data to actionable insights by providing tools for advanced analytics, machine learning, and AI. My role involved enhancing the platform's capabilities to facilitate seamless collaboration among data analysts, engineers, scientists, and business leaders. This project streamlined data processing and transformed raw operational data into a live Data as a Product (DaaP), enabling more effective and insightful decision-making.

CERTIFICATIONS

PCEP- Certified Entry-Level Python Programmer ⬀