Srija Polisetty

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Education

B.Tech in Artificial Intelligence(2023–2027)
Mahindra University, Hyderabad
CGPA: 8.3/10

Intermediate (IPE) – Math, Physics, Chemistry(2021–2023)
Fiitjee, Hyderabad
Score: 90%

X Class (CBSE, 2021)
Meridian School, Kukatpally, Hyderabad
Score: 90%

Technical Skills

- **Programming Languages:** C, Python, SQL

- **Web Development:** HTML, CSS

- **Tools & Technologies:** Visual Studio Code, MongoDB

- **Core CS Concepts:** Data Structures And Algorithms

Projects

Machine Learning Project: Predictive Maintenance with NASA CMAPSS Dataset
Group Project
Utilised machine learning techniques to predict the Remaining Useful Life (RUL) of turbofan engines, leveraging NASA's CMAPSS dataset. Implemented weighted K-Means clustering to identify distinct engine degradation stages, significantly enhancing the interpretability of lifecycle data. Developed classification models (Random Forest, XG- Boost) with 95 percent accuracy, and regression models (Ridge, Random Forest, HistGradientBoosting). Collaborated effectively in a team to build an end-to-end prediction pipeline and documented the end-to-end project workflow in a formal report.

Internship Experience

Research Intern – Artificial Intelligence
(Navtech, Hyderabad)(25 June(2025)–1 August(2025))
Worked on research and practical tasks involving AI pipelines and data engineering. Gained hands-on experience with tools such as Apache Airflow for DAG creation and task scheduling, and Apache Iceberg for data storage and schema evolution.