**Sreedevi Kalla**  
 +1 (980)-298-9693 | [kallasreedevi99@gmail.com](mailto:kallasreedevi99@gmail.com) | [www.linkedin.com/in/kalla-sreedevi3](https://www.linkedin.com/in/kalla-sreedevi3)

**SUMMARY**

Graduate student in Health Data Science with hands-on experience in healthcare informatics, and public health analytics. Skilled in developing predictive models and visual dashboards to improve clinical decision-making. Experienced with EHR systems such as Epic and Meditech, and proficient in Python, SQL, and Tableau for data analysis and reporting. Seeking to leverage academic knowledge and project experience in a challenging Health Data Analyst or Healthcare Data Scientist role.

**EDUCATION**

Saint Louis University, St. Louis, MO,USA   Aug 2025  
 Master of Science in Health Data Science

Osmania University, Hyderabad, India   May 2021  
 Bachelor of Science in Genetics, Microbiology, and Chemistry

**EXPERIENCE**

**Faxing Executive – Utilization Review**

PrimEra Medical Technologies, Hyderabad, India   Apr 2022 – Aug 2023

* Extracted and compiled clinical documentation from Epic and Meditech for utilization of review packets supporting insurance authorizations.
* Submitted clinical data via RightFax, eFax, and payer portals (Availity, Navi Net); tracked responses and assisted in appeals.
* Collaborated with utilization review of nurses and revenue cycle teams to ensure timely approvals and reduced claim denials.
* Tools**:** Epic, Meditech, RightFax, Concord Fax, Excel, Smartsheet

**PROJECT EXPERIENCE**

**Disease Prediction Using Symptoms – Group Project**

* Developed ML models (Logistic Regression, Random Forest) to predict 42 diseases using 132 symptoms.
* Optimized performance through Dask-based parallelization and Genetic Algorithm feature selection.
* Designed data visualizations for symptom-disease relationships to improve interpretability.

**Drug Poisoning Mortality Prediction – ML Project**

* Built and compared classification models (KNN, SVM, Naïve Bayes, Random Forest) using U.S. county-level mortality data.
* Created visual dashboards to analyze demographic and regional disparities using Python visualization libraries.

**Pediatric Respiratory Admission Forecasting – Capstone**

* Predicted RSV/Influenza visit outcomes (ED vs inpatient) using XGBoost and Random Forest.
* Performed feature engineering, seasonal trend analysis, and temporal data transformations to improve forecasting accuracy.
* Identified seasonal and temporal patterns, achieving 56.7% accuracy and supporting hospital resource planning.

**SKILLS**

* Programming & Tools: Python, SQL; experience with data cleaning, feature engineering, and predictive modeling
* Data Visualization & Analytics: Tableau, Looker Studio, Google Colab, Jupyter; creating dashboards, charts.
* Healthcare Systems & Informatics: Epic, Meditech, RightFax, Concord Fax, Availity, EHR data extraction, and health informatics processes
* Productivity & Collaboration Tools: Excel, Smartsheet, MS Office, Google Suite

**VOLUTEERING**

**DOBARA** (Hyderabad) – Elder wellness & community engagement