

Sri Ram Sripada

Tampa, FL | P: +1 (813) 734-1536 | sripadas20@gmail.com | [Portfolio](#) | [Linkedin](#)

EDUCATION

University of South | *MS In Business Analytics and Information Systems*

Cumulative GPA: 3.71/4.0

Tampa, FL

Expected May 2024

Osmania University | *Bachelor of Engineering in Electronics and Communication Engineering*

Cumulative GPA: 3.21/4.0

Hyderabad, IN

Jul 2016 - Aug 2020

WORK EXPERIENCE

University of North Florida

Data Scientist Intern

Jacksonville, FL

06/2023 – 08/2023

- Implemented **data pipelines** for critical stages: data ingestion, data validation, data transformation and streamlined model training using **Python** which optimized model performance and deployment time by 30%.
- Leveraged Python for **NLP tasks** (tokenization, topic modeling, text summarization) on **unstructured text data**, enhancing textual trend detection by 15%
- Designed interactive dashboards using **Tableau**, translated complex data into actionable **data product** user stories enabling stakeholders to interpret data-driven insights; driving a 20% business growth.

Softility

Software Engineer

Hyderabad, IN

01/2021 – 08/2022

- Designed and developed robust **Kafka** topics utilizing **Python** for real-time data ingestion and validation, achieving a remarkable 20% increase in data processing.
- Built and developed Python-**REST APIs**, reducing API response time and data retrieval times by 15%.
- Achieved 20% reduction in errors by using Python automation testing, cutting costs by \$100k/year, ensuring data quality and robustness. Used Jenkins to streamline CI/CD pipelines, resulting in 25% reduction in deployment time.

SkillAscend

Machine Learning Intern

Hyderabad, IN

08/2020 – 12/2020

- Performed in-depth **data analysis, feature engineering, and anomaly detection** using Python-driven ML algorithms. Utilized Docker to containerize machine learning models, guiding marketing and product strategies for 100+ users.
- Employed **statistical methods** (regression, time series forecasting, clustering, A/B testing), fostering a 15% enhancement in data-driven decision making.

PROJECTS

Credit Churn Predicting | Python, MLflow, Streamlit, AWS

[Link](#)

- Engineered a 6% enhancement in credit churn prediction accuracy using Python-based production grade data pipeline and integrated MLflow for model tracking; accelerated deployment by leveraging Streamlit and Amazon EC2 infrastructure.

Insurance Premium Prediction | Python, MongoDB, Machine Learning

[Link](#)

- Orchestrated robust end-to-end data science pipelines using Python, handling data ingestion, data validation, model training, and model deployment using Streamlit for insurance premium predictions.
- Optimized data extraction of 1000+ records using MongoDB; and leveraged ML for batch predictions.

Predicting Service Faults on Telecommunication Network

[Link](#)

- Delivered a 50% log-loss reduction in ML model performance through rigorous data analysis, feature engineering, and hyper parameter tuning; enhancing fault identification in telecommunication network.

CERTIFICATIONS

Distributed Storage and Processing Fundamentals Certification

[Link](#)

Databricks Accreditation Lakehouse Fundamentals

[Link](#)

SKILLS

Python (Pandas, NumPy, SciPy, Scikit-Learn, PySpark) | R | Statistics | Machine Learning | NLP | SQL | Excel | REST API | Tableau | Power BI | Git | Linux | Docker | Kafka | Mlflow | MongoDB | Plotly Dash | Streamlit | Big Data Concepts