

# Sri Ram Sripada

Tampa, FL | Phone: (813) 734 - 1536 | [sripadas20@gmail.com](mailto:sripadas20@gmail.com) | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

## SUMMARY

Graduate Student from University of South Florida with 2+ years of experience in Data Science and Analytics.

## SKILLS

**Languages:** Python, R, SQL, Apache Spark

**Tools/Framework:** Pandas, Numpy, Scikit-learn, Keras, Seaborn, Matplotlib, Tensorflow, Plotly, Flask, PySpark, Streamlit, Git, Version Control, Linux, Excel, Tableau, Power BI, Qlik, AWS Sagemaker, MLflow, Docker, Apache Kafka, Jupyter

**Statistical Skills:** Descriptive & Inferential Statistics, Hypothesis Testing, A/B Testing, Regression Analysis

**Data Science & Big Data:** Data preparation, Feature Engineering, Predictive Modeling, Model Deployment, Model Monitoring, Model retraining, MLOps, Classification, Regression, Unsupervised Learning, Ensemble Models, Clustering, Natural language Processing (NLP), Dimensionality Reduction, Distributed Computing, Apache Spark API

## EXPERIENCE

### University of North Florida

Jacksonville, FL

*Data Scientist Intern*

Jun 2023 - Aug 2023

- Designed interactive dashboards using Tableau, translated complex data visualization into actionable data product user stories and collaborated with stakeholders to interpret data-driven insights, driving a 20% business growth.
- Executed end-to-end machine learning model development, deployed a text mining model for topic classification on AWS, and led successful monitoring of ML model workflows using MLflow, boosting textual trend detection by 15%
- Conducted in-depth exploratory data analysis, cleaning, transformation, feature engineering and model development using SQL and Python. Guided product strategy for 1000+ users through implementation of ML models using Python.

### Softility

Hyderabad, IN

*Software Engineer*

Jan 2021 – Aug 2022

- Developed and optimized advanced statistical data models to develop AI/ML models using Python. Utilized internal & external raw data sources to enhance operational efficiency, achieving a measurable 30% increase in decision making.
- Implemented data pipelines for critical stages: data ingestion, data extraction, transformation, and streamlined model training using SQL & Python for predictive modeling, improving model performance and deployment time by 25%.
- Collaborated with cross functional teams to deploy ML models (GLM, Logistic Regression) using Python. Deployed machine learning models in production as REST APIs using AWS Sagemaker and Docker, saving \$200k/year.

### SkillAscend

Hyderabad, IN

*Machine Learning Engineer Intern*

May 2020 – Dec 2020

- Enhanced data analysis accuracy by 95% using Python-based machine learning using descriptive and predictive data science techniques. Presented findings to team members, and delivered business insights to product stakeholders.
- Employed statistical modeling (regression analysis, A/B testing) using Python to address business challenges, contributing to a 15% enhancement in data-driven decision-making and overall business value across the organization.

## PROJECTS

### Credit Churn Prediction | Python, MLflow, Streamlit, AWS

Jun 2023 – Nov 2023

- Engineered a 6% enhancement in financial credit churn analysis accuracy by implementing ML models into production systems using Python, integrated MLflow for ML model monitoring; deployed by leveraging Streamlit and Amazon EC2.

### Insurance Premium Prediction | Python, MongoDB, Machine Learning, AWS

Jun 2023 - Nov 2023

- Orchestrated robust end-to-end machine learning pipelines using Python, from prototyping to production deployment. Containerized and deployed AI/ML Model to production using AWS, Docker, Streamlit and Git version control.
- Optimized data extraction of 1000+ records using MongoDB, leveraged Machine learning for real time batch processing.

### Flight Price Prediction Using Machine Learning | Python, Flask, Docker, Azure

Jun 2023 - Nov 2023

- Boosted ticket price prediction performance by 28% using Flask-based Random Forest model. Managed end-to-end deployment of machine learning models in production using Azure cloud, optimizing accessibility and performance.

## EDUCATION

**University of South Florida** | Master's in Business Analytics and Information Systems

Tampa, FL

Cumulative GPA: 3.8/4.0

Expected May 2024

**Osmania University** | Bachelor's in Electronics and Communication Engineering

Hyderabad, IN

Cumulative GPA: 3.21/4.0

Jul 2016 - Aug 2020