**SAI CHANDAN RAJU PADMARAJU**

*Data Analyst*[LinkedIn](https://www.linkedin.com/in/sai-chandan-raju-padmaraju/) | +1 (682) 344-5770 | Saichandan2022@gmail.com | Dallas, TX

**PROFESSIONAL SUMMARY**

A highly analytical and results-oriented professional with expertise in **data science, machine learning, and big data analytics**. Adept at leveraging **statistical analysis, predictive modeling, and cloud computing** to drive business intelligence and optimize decision-making. Skilled in designing scalable **data pipelines, ETL processes, and visualization dashboards** to uncover insights and enhance operational efficiency. Proven ability to collaborate with cross-functional teams, communicate complex data concepts, and develop innovative solutions that impact business growth.

**EDUCATION**

**Master of Science in Computer Science**

The University of Texas at Arlington | Jan 2022 - May 2023  
**Bachelor of Science in Computer Science**

IIIT Bhubaneswar | Aug 2017 - May 2021

**SKILLS**

* Data Analysis & Visualization
* Machine Learning & Predictive Modeling
* SQL & Database Management
* Big Data Technologies
* ETL & Data Pipeline Development
* Python, R, SQL, Spark
* Data Analysis Tools (Excel, Access, Jupyter Notebooks, Google Colab, Anaconda)
* Cloud Computing (AWS, GCP, Azure)
* Business Intelligence Tools (Power BI, Tableau)
* Feature Engineering & Model Deployment
* Agile & Scrum Methodologies

**PROFESSIONAL EXPERIENCE**

**Data Scientist**  
*Scale AI | Remote | June 2023 - November 2024*

* Developed and deployed **machine learning models** to improve data annotation accuracy and efficiency.
* Conducted **exploratory data analysis (EDA)** to identify trends, patterns, and insights from structured and unstructured data.
* Automated **data preprocessing pipelines**, reducing manual workload by 30%.
* ODBC connections to SQL Server - MS Access and Excel.
* Reports Automation utilizing Access, Excel, SSRS and SQL Server.
* Converted MS Access to SQL Server - Ran Access & Excel Reports directly off SQL Server.
* Built predictive models that optimized operational workflows, improving efficiency by **25%**.

**Data Analyst**  
*Zycus | Bangalore, India | June 2020 - December 2021*

* Designed and developed **interactive Power BI and Tableau dashboards** to track key performance metrics.
* Conducted **advanced SQL queries** to extract, clean, and analyze complex datasets.
* Utilized Power Pivot to run MS SQL queries into data models for large data-set dashboard.
* Developed Excel Dashboards.
* Automated Excel Spreadsheets reporting into new Access Databases.
* Developed Excel Macros and VBA code to enhance spreadsheets functions and developed Access and SQL queries running off MS SQL Server
* Identified trends and anomalies in procurement data, leading to **a 20% cost reduction**.
* Provided **data-driven insights** to stakeholders, optimizing decision-making processes.

**Data Engineer Intern**  
*TruStudies | Bhubaneswar, India | February 2019 - December 2019*

* Assisted in designing and implementing **data pipelines** for efficient data processing.
* Optimized database queries, reducing query execution time by **40%**.
* Collaborated with developers to integrate data solutions into **real-time applications**.

**PROJECTS**

* **Customer Churn Prediction Model:** Developed a machine learning model to predict customer attrition with **85% accuracy**.
* **Real-time Data Processing Pipeline:** Built a data pipeline using **Apache Kafka and Spark** to process streaming data efficiently.
* **Sentiment Analysis on Social Media Data:** Implemented **NLP techniques** to analyze customer feedback and enhance brand perception.

**CERTIFICATIONS**

* **AWS Certified Data Analytics** – AWS
* **Google Data Analytics Certificate** – Coursera
* **SQL for Data Science** – LinkedIn Learning