SHARATH KUMAR TATIKONDA

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PROFESSIONAL SUMMARY

- **Experienced Data Science Professional** with strong expertise in **data analysis**, **machine learning**, and **deep learning techniques**.
- Proficient in **Python**, **SQL**, and popular data science libraries like **Pandas**, **NumPy**, **Scikit-Learn**, **TensorFlow**, and **Keras**.
- Skilled in building **predictive models**, performing **univariate/bivariate analysis**, and working with large datasets to uncover actionable insights.
- Hands-on experience in cloud technologies, including **Azure Data Lake Storage (ADLS)**, **Azure Data Factory (ADF)**, and **Azure Synapse Analytics**, with a solid understanding of **cloud storage solutions**.

SKILLS

Programming:	Python, SQL
Python for Data Science:	Pandas, Numpy
Machine Learning:	Scikit-Learn, XGBoost, Keras, Random Forest
Data Visualization:	Power BI, Matplotlib, Seaborn
Deep Learning:	ANN, CNN, RNN, TensorFlow, Autoencoders
Cloud Technologies:	ADLS, Azure Data Factory, Azure Synapse Analytics
Tools:	Git, JIRA, Excel

EXPERIENCE

Data Science Intern Jan 2023 - June 2023
Fortray Global Ltd *London, UK*

Project: Threat detection using deep learning for network data
Developed a deep learning-based system to detect anomalous network traffic patterns. Achieved 95 percent accuracy rate in detecting various types of intrusions, contributing to enhanced network security.

Data Analyst Apr 2019 - Jan 2021
Tabdeel Studios *Bangalore, India*

Sales Insights and Performance Dashboard Personal Project
Developed a comprehensive sales insights and performance dashboard using Power BI to analyze business trends, profitability, and product performance. Utilized DAX for advanced calculations and filtering to create interactive dashboards for real-time monitoring of sales KPIs, resulting in improved business performance tracking and enhanced strategic decision-making capabilities.

ACADEMIC PROJECTS

Lending Club Data Science Project *Personal Project*
Developed a predictive model to assess loan default risk using historical loan data. Conducted exploratory data analysis (EDA) and feature engineering, implementing various classification algorithms to improve prediction accuracy.

Sign Language Detection System *Personal Project*
Developed a system to detect sign language gestures using computer vision techniques. Captured images of hand signs for training a a classification model using Teachable Machine, and achieved real-time detection accuracy.

EDUCATION

Master of Data Science and Analytics, University Of Hertfordshire, (74 Percent) 2021 - 2022
Bachelor of Software Engineering, VIT University, CGPA 7.35 2014 - 2019