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**Professional Summary**

Motivated and detail-oriented Data Scientist with a strong foundation in machine learning, data analytics, and statistical modeling. Recently completed a Master’s in Data Science and possess hands-on experience with Python, SQL, and data visualization tools. Passionate about leveraging data-driven insights to solve real-world problems. Adept at building predictive models and working with large datasets to drive business decisions. Eager to apply analytical and problem-solving skills in a dynamic environment.

**Skills**

**Technical Skills:**

* Programming: Python, R, SQL
* Machine Learning: Scikit-learn, TensorFlow, Keras
* Data Analysis: Pandas, NumPy, Matplotlib, Seaborn
* Big Data Tools: Spark, Hadoop (Basics)
* Database Management: MySQL, MongoDB
* Data Visualization: Tableau, Power BI
* Cloud Platforms: AWS (S3, EC2, Lambda), Google Cloud (BigQuery)

**Soft Skills:**

* Problem-solving
* Analytical Thinking
* Communication & Collaboration
* Attention to Detail

**Education**

**Master of Science in Data Science**  
Indian Institute of Science, Bengaluru | 2023

**Bachelor of Technology in Computer Science**  
Delhi Technological University, Delhi | 2021

**Certifications**

* IBM Data Science Professional Certificate | Coursera | 2023
* Google Data Analytics Certification | Google | 2022
* Machine Learning by Andrew Ng | Coursera | 2022

**Projects**

**1. Customer Churn Prediction**

* Built a machine learning model using **Logistic Regression and Random Forest** to predict customer churn for a telecom company.
* Achieved **85% accuracy** and provided key insights to reduce customer attrition.
* Tools & Technologies: Python, Pandas, Scikit-learn, Matplotlib.

**2. Sentiment Analysis on Social Media**

* Developed a **Natural Language Processing (NLP) model** to analyze customer sentiments from Twitter data.
* Utilized **VADER and LSTM networks** to classify sentiments into positive, neutral, and negative.
* Tools & Technologies: Python, NLTK, TensorFlow, Twitter API.

**3. Sales Forecasting using Time Series Analysis**

* Implemented an **ARIMA and LSTM-based** forecasting model to predict sales trends for a retail chain.
* Increased forecasting accuracy by **20% compared to traditional methods**.
* Tools & Technologies: Python, Pandas, Statsmodels, Keras.

**Achievements & Awards**

* Winner of the **Hackathon on AI & Data Science**, conducted by IISc Bengaluru (2023).
* Published a research paper on **“Optimizing Machine Learning Algorithms for Large-Scale Datasets”** in the IEEE Journal.
* Secured **All India Rank (AIR) 200** in GATE (Computer Science) 2021.

**Languages**

* English (Fluent)
* Hindi (Native)
* Kannada (Basic)

**Hobbies & Interests**

* Blogging about AI & Data Science trends.
* Participating in Kaggle Competitions.
* Public Speaking on Tech Innovations.