Sapeksh Tomar

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PROFESSIONAL SUMMARY

Results-driven data scientist with expertise in Python, SQL, and machine learning. Proven ability to translate complex data into actionable insights using big data tools like Hadoop and Spark. Adept at collaborative problem-solving, delivering real-time analytics, and streamlining workflows to meet business objectives.

EXPERIENCE

AI Variant   Hyderabad, Telangana
Junior Data Scientist Intern   *Jan 2024 – Jun 2024*

- **Stock Market Price Prediction (Jan - Mar 2024)**
  * **Engineered** an automated data pipeline using 'yfinance', reducing manual intervention and improving data accessibility.
  * **Developed** LSTM-based forecasting models, achieving 90% accuracy, and deployed via FastAPI for real-time predictions.
  * **Visualized** data patterns with Matplotlib and Seaborn, enabling interactive analysis for stakeholders.
  * **Collaborated** with cross-functional teams to refine predictive models, ensuring alignment with business goals and enhancing project outcomes.

- **Resume Classification System (Apr - Jun 2024)**
  * **Improved** classification accuracy to 100% using Word2Vec and 95% with TF-IDF, enhancing HR efficiency.
  * **Deployed** the model using Streamlit, providing a seamless user interface for resume evaluation.

Delta Capita   Bangalore, Karnataka
Associate Consultant   *Oct 2022 – Mar 2023*

- **Advanced Data Analytics for London Stock Exchange Group (LSEG)**
  * **Initiated and managed** data integration using SQL and DataBricks, improving stock price forecasting accuracy by 20%.
  * **Designed** predictive models using Python, significantly reducing prediction errors and enabling more reliable forecasts.
  * **Built** and maintained interactive Tableau dashboards, facilitating better decision-making for senior management.
  * **Streamlined** data processing with Hadoop and Spark, reducing processing time by 30% and improving efficiency.
  * **Implemented** a continuous improvement framework for data processes, reducing errors and enhancing system robustness by automating data validation checks.

SKILLS

Programming: Python, SQL, Java, C++, JavaScript, bash

Data Science: Machine Learning, NLP, Predictive Analytics, Computer Vision, Artificial Intelligence, GenerativeAI

Big Data Tools: Hadoop, Spark, DataBricks

Soft Skills: Analytical Thinking, Problem-Solving, Collaboration, Attention to Detail, Time Management

Tools: Tableau, Excel, Jupyter Notebooks, PowerPoint, Git, Visual Studio Code, Google Colab

Cloud Platforms: Azure, Amazon Web Services, Google Cloud Platform

Operating Systems: Windows(8/10/11), Linux (Ubuntu, Pop OS)

EDUCATION

Dayananda Sagar College of Engineering   Bangalore, Karnataka
Bachelor of Engineering in Electronics and Communication   *Aug 2017 – Jun 2021*

Greenwood Public School   Gwalior, M.P.
12th Grade   *2016 – 2017*

Air Force School   Gwalior, M.P.
10th Grade   *2013 – 2014*

CERTIFICATES

ExcelR Data Science Certification: Expertise in Data Science(ML/DL/AI), Python, Predictive Analytics (2024)

CareerLabs: Starter Course in Machine learning, Python, Java, C++ (2021)