Tanish Gupta
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SUMMARY

- A technology enthusiast proficient in JavaScript, SQL, and C++, with a deep understanding of data structures, back-end workflows, and web development. Skilled in writing optimized SQL queries for data manipulation, database management, and system performance tuning. Equally proficient in JavaScript, including asynchronous programming and DOM manipulation, with experience in building interactive web applications, handling APIs, and implementing scalable solutions

EDUCATION

Year	Degree/Exam	Institute	GPA/Marks (%)
Sept, 2020 - June, 2024	B.Tech in Computer Science	Graphic Era University Dehradun	8.48/10
2019	C.B.S.E, 12th	LASEA Jhalawar	77.40 %
2017	C.B.S.E, 10th	St. Mary's Convent School	7.6/10

WORK EXPERINCE

- **Data Analyst at Gamma Stacks** (Mar 2024 - Aug 2024) Internship Letter
  - Data cleaning and management were crucial parts of my job and were done using complex SQL queries and Excel, which improved Data Integrity by 90%
  - Debugged existing features and implemented ETL Processes to optimize system performance. I also learned to develop data visualizations for insights using Power BI, enabling faster decision-making by 20%
  - Gained practical experience in Backend data workflows and management techniques, streamlining reporting processes by 25%.

PROJECTS

- **Stock Market Prediction Bot** (Nov'23-Dec'23) Github Link
  - Designed a predictive trading bot using ARIMA, LSTM, and Prophet to forecast stock prices. Automated real-time trading via Alpaca API and tested model accuracy in simulated environments using historical data.
  - Built a complete machine learning pipeline for time-series forecasting of stock trends. Integrated data collection, model training, evaluation, and live trading, showcasing deep learning and financial automation skills.

- **Coffee Sales Analysis and Dashboard Creation** (Mar'25-Apr'25) Github Link
  - This dashboard provides insights into coffee sales trends, analyzing key performance indicators (KPIs) such as total sales, total orders, and quantity sold over different periods. All data cleaning and calculations were performed in SQL, and the results were cross-checked in Power BI before visualization. Additionally, key actionable insights have been identified to help improve business performance.

- **Voice Based Gender Identification** (Mar'25-Apr'25) Github Link
  - Built an end-to-end voice classification system using Python, extracting MFCC, chroma, and mel features from audio data. Trained models like Random Forest and SVM to predict gender with high accuracy using cross-validation techniques.
  - Developed a speech-based gender prediction model using Librosa and scikit-learn. Evaluated model performance using confusion matrix and classification report, ensuring robustness through preprocessing, feature engineering, and hyperparameter tuning.

SKILLS And CERTIFICATES

- **Languages :** SQL, C++, Java, Python, JAVASCRIPT.

- **CERTIFICATES :** Data Visualization AsCeNd, ML and AI Linkdin Learning , Python Coursera.

- **Databases :** MySQL, Oracle.

- **Technical Skills :** Machine Learning, Data Collection, Data Analysis, ETL, Power BI.

- **Strengths :** Analytical Thinking, Data-Driven Decision Making, Time Management.