Suraj Shaikh,

Data Analyst Intern

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**Professional Summary**

Detail-oriented Data Analyst Intern with a strong foundation in Information Technology and advanced skills in Data Analytics and Machine Learning. Proficient in Python, SQL, and data visualization tools. Experienced in building predictive models and data processing solutions that drive impactful business decisions. Seeking a Data Scientist or Data Analyst position to contribute to data-driven strategies.

**Technical Skills**

* Programming Languages: Python, SQL
* Data Analysis: Pandas, NumPy, Statistical Analysis
* Data Visualization: Tableau, Power BI, InetSoft, Matplotlib, Seaborn
* Machine Learning: Scikit-Learn, TensorFlow, Keras, Model Evaluation
* Database Management: MySQL, Google BigQuery, Data Warehousing, ETL
* Big Data Technologies: Hadoop, Spark
* Tools & Technologies: Jenkins, Git, Jira
* Cloud Platforms: AWS and GCP
* Version Control: GitHub
* Excel: Basic Excel skills, Pivot tables and Lookup functions

**Work Experience**

Data Analyst Intern

Enfusion Softech, Mumbai

November 2023 - Present

* Monitored daily data refresh jobs, identified and troubleshot failed processes, and resolved issues to ensure data integrity.
* Wrote and optimized SQL code for backend support of client dashboards, modifying queries and reports as per client requests.
* Collaborated with the reporting and other teams to gather requirements and ensure seamless data reporting solutions.
* Utilized InetSoft, a dashboarding tool, to create and modify client reports, supporting SQL code execution.
* Extensively used SQL SELECT queries to retrieve data from Google Cloud, working with Big Query for data analysis.
* Gained expertise in distinguishing static and dynamic data using dimension (static) and fact (dynamic) tables, handling key metrics like P&L and price.
* Utilized Google Cloud Buckets to troubleshoot issues in failed data refresh processes.
* Engaged with clients for requirement gathering, issue resolution, and building dashboards from scratch, validating outputs with Excel.
* Used Excel and Word daily for data validation, documentation, and reporting.

**Projects**

**1. Predictive Maintenance Model**

* Objective: Developed a machine learning model to predict machine failures, enabling proactive maintenance.
* Tech Stack: Python, Scikit-Learn, Pandas
* Achievements: Improved prediction accuracy by applying feature engineering and data balancing techniques.

**2. SMS Spam Classification**

* Objective: Created an NLP model for classifying SMS messages as spam or not, achieving high accuracy.
* Tech Stack: Python, Scikit-Learn, Natural Language Processing
* Achievements: Consistently achieved an accuracy rate of over 96% by optimizing model parameters.

**3. Demand Forecasting for Supply Chain Optimization**

* Objective: Developed a model to predict future product demand, optimizing supply chain operations.
* Tech Stack: Python, Time Series Analysis, Random Forest Regression, Scikit-Learn
* Achievements: Reduced stockouts and overstock situations, achieving significant cost savings through accurate forecasting and model optimization.

**Education**

Master of Science (M.Sc.) in Information Technology

Pillai College of Arts, Commerce and Science, Panvel

June 2024 - April 2026

Bachelor of Science (B.Sc.) in Information Technology

Pillai College of Arts, Commerce and Science, Panvel

June 2019 - April 2022 | GPA: 8.4

**Certifications**

- Post Graduate Certification in Data Analytics and Machine Learning

- Data Science Virtual Experience Program - BCG Forage