**Srinadh Reddy Gade**

**|| Sr. Data Analyst || (913) 349-3832** [**|| srinadhreddyg03@gmail.com**](mailto:||%20srinadhreddyg03@gmail.com) **||**

**PROFESSIONAL SUMMARY**:

* Senior Data Analyst with 9 years of experience in data integration, classification, profiling, and system migrations.
* Proficient in querying both structured and unstructured data from relational and non-relational systems.
* Skilled in data profiling and data lifecycle management, ensuring data accuracy and quality for reliable decision-making.
* Expertise in big data and cloud technologies with hands-on experience in AWS, Azure, and Snowflake.
* Proficient in improving data quality and accuracy by employing data cleansing and transformation processes with SSIS and Informatica.
* Skilled in creating interactive dashboards and reports using Power BI and Tableau to deliver actionable insights to stakeholders.
* Experienced in collaborative work with cross-functional teams, aligning data analytics strategies with overarching business objectives.
* Demonstrated proficiency in advancing data workflow efficiency through the implementation of automation tools like Alteryx.
* Committed to staying updated on the latest trends in data analytics, continuously integrating new technologies like Apache Spark into workflows.
* Dedicated to leveraging comprehensive data insights for strategic financial planning, operational improvements, and decision-making.
* Expert in cloud technologies, utilizing AWS Cloud and Microsoft Azure for robust data storage and analysis capabilities.
* Engaged in developing machine learning models to predict customer behaviors and business trends, enhancing predictive analytics capabilities.
* Utilized statistical tools such as R and MATLAB for in-depth statistical analysis and data interpretation to support business strategies.
* Expertise in data management and governance, ensuring data integrity and compliance with industry standards using tools like Collibra.
* Regularly employed Excel for advanced data manipulation, creating sophisticated pivot tables and utilizing statistical functions for trend analysis.
* Collaborated with IT and data steward teams to ensure strategic alignment of data projects with technological advancements and business needs.
* Automated and refined data processes to improve efficiency and accuracy in data handling and reporting, utilizing tools like Apache NiFi.
* Extensively used SQL to manage databases, execute complex data queries, and generate reports for strategic analysis in multiple projects.
* Proficient in data profiling and cleansing to enhance the usability of business applications across various platforms.
* Managed metadata effectively, enhancing data discoverability and quality management with metadata management tools and practices.
* Developed and managed data pipelines using Kafka for efficient data transfer and real-time data processing, improving data accessibility.
* Skilled in the application of data lineage techniques with tools like the Informatica Enterprise Data Catalog to ensure data integrity.
* Utilized data warehouse technologies such as AWS Redshift and Azure SQL to provide scalable and robust data storage solutions.
* Engaged in continuous improvement of data processes, systems, and technologies to enhance data quality and decision-making capabilities.

**TECHNICAL SKILLS:**

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| **Data Analysis** | SQL, Excel, SPSS, R |
| **Data Integration** | SSIS, Oracle Data Integrator, Informatica, Apache NiFi, Kafka |
| **Data Visualization** | Power BI, Qlik Sense, Looker, Tableau, OBIEE |
| **Machine Learning** | AWS SageMaker, Apache Spark ALS |
| **Data Management** | SharePoint, Collibra, Trifacta, Open Refine |
| **Data Warehousing** | AWS Redshift, Azure SQL, Spark SQL, Snowflake |
| **Automation tools** | Alteryx, Apache NiFi |
| **Documentation & Reporting** | Excel, MATLAB, YAML configuration |

**PROFESSIONAL EXPERIENCE:**

**Client: RxSense, Boston, MA Dec2023 to till date**

**Role: Sr. Data Analyst**

**Roles & Responsibilities:**

* Developed SQL queries for thorough data extraction and reporting after analyzing complicated health program data, allowing for data-driven enhancements to program decision-making.
* To ensure data consistency and improved accessibility, I oversaw the development of comprehensive Source-Target Mapping Sheets (STTM) that streamlined data movement between Azure Synapse Analytics and Snowflake.
* Azure Data Factory was used to automate and optimize ETL processes, cutting processing times by more than 30% and increasing pipeline efficiency.
* Created and implemented predictive machine learning models in Azure ML to forecast health trends and support preventative medical measures.
* Using Power BI, I created dynamic, interactive dashboards that enabled stakeholders to track performance metrics in real time by converting massive datasets into actionable insights.
* To handle large data volumes and satisfy program requirements, scalable data processing using Databricks was employed, providing both batch and real-time analytics.
* Used Azure's sophisticated security features to guarantee data confidentiality and integrity while storing and safeguarding large health datasets in Azure Blob Storage.
* Automated KPI reporting with Alteryx and Snowflake, which supports data-driven decision-making for program improvement and provides continuous performance insights.
* To provide data clarity and guidance for operational enhancements, I worked with cross-functional teams to connect data insights with strategic objectives.
* **Environment**: SQL, Excel, Azure Synapse Analytics, Power BI, Databricks, Alteryx, Apache Spark ALS, Azure Data Factory, Azure Blob Storage, Azure ML, R, SharePoint, Confluence.

**Client: Master card, New York, NY Oct 2021 to Nov 2023**

**Role: Data Quality Analyst**

**Roles & Responsibilities:**

* developed and maintained dynamic Power BI and Qlik Sense dashboards that improved airline operational visibility and facilitated real-time strategic decision-making.
* analyzed real-time flight data using Azure Stream Analytics, which improved customer service metrics and increased response to operational adjustments.
* utilized Azure SQL, to enable easy reporting and data retrieval for huge datasets that are essential to operational analysis.
* utilized advanced SQL queries to facilitate crucial decision-making procedures, providing prompt insights for performance evaluations, resource allocation, and flight scheduling.
* Azure Log Analytics was integrated to track data flow, identify irregularities, and preserve constant data quality for operational effectiveness.
* developed thorough Power BI reports that let managers see key performance indicators (KPIs) for more efficient operations and resource allocation.
* collaborated with business and IT stakeholders to promote cross-departmental engagement and insight sharing while coordinating data visualization solutions with corporate objectives.
* To ensure the dependability and scalability of data solutions, frequent data audits and performance monitoring were carried out utilizing insights from Azure DevOps.
* enhanced transparency and supported strategic efforts inside the airline's operations by documenting and sharing analytics insights with executive leadership.

**Environment:** Power BI, SQL, Qlik Sense, Looker, Azure Stream Analytics, Azure SQL, R, Azure DevOps, Azure Log Analytics.

**Client: American Airlines, Fort Worth, TX. Nov 2019 to Sep 2021**

**Role: Data Visualization Analyst**

**Roles & Responsibilities**:

* Developed interactive dashboards using Power BI, enhancing operational insights for flight management and strategic airline operations.
* Employed SQL for complex data queries to support timely and accurate operational decision-making in the aviation sector.
* Utilized Qlik Sense and Looker for dynamic data reporting, improving decision-making processes for airline operations.
* Created statistical analysis scripts using MATLAB and Matplotlib, identifying trends and anomalies in flight data effectively.
* Leveraged Azure Stream Analytics for real-time data processing, enhancing operational responsiveness and situational awareness.
* Managed data warehousing solutions using Azure SQL, ensuring robust data storage and retrieval for extensive analytics.
* Produced comprehensive documentation and reports to support management decisions, enhancing transparency in airline operations.
* Developed and maintained data models in Power BI, providing dynamic visualizations of key operational metrics.

**Environment**: Power BI, SQL, Qlik sense, Looker, MATLAB, Matplotlib, Azure Stream analytics, Azure SQL, R, and Azure environments.

**Client: Optimum Info System Pvt Ltd, India Jul 2017- Aug 2019**

**Role: Data Analyst**

**Roles& Responsibilities:**

* Managed Oracle databases using PL/SQL to conduct complex data analysis and reporting for various IT service projects.
* Enhanced data analytics capabilities by utilizing OBIEE, providing deep insights into IT service performance and operational effectiveness.
* Developed and maintained Power BI dashboards, facilitating real-time data visualization and management reporting across IT services.
* Performed data cleansing and management to ensure high-quality and accurate IT service data using Toad Data Modeler.
* Utilized SPSS for predictive analytics, aiding in the strategic planning and forecasting of IT service delivery improvements.
* Implemented data security protocols to safeguard sensitive IT service data across multiple platforms and databases.
* Established data governance frameworks using GIT, enhancing data usability and access controls within the IT department.
* Conducted detailed data analyses using SQL, extracting insights that informed strategic decisions and IT project directions.

**Environment:** Oracle PL/SQL, OBIEE, Power BI, Toad Data Modeler, SPSS, GIT, SQL.

**Client: CSS Corp Pvt Ltd, India Aug 2015- Jun 2017**

**Role: Data integration analyst**

**Roles & Responsibilities:**

* Integrated multiple systems and databases using SQL and ETL processes, streamlining data flows and enhancing data accessibility.
* Developed data cleansing and transformation scripts with Informatica and Oracle Data Integrator, improving data quality and utility.
* Employed Apache NiFi and Kafka for efficient data transfers and real-time data processing across various IT projects.
* Created comprehensive documentation on data integration processes and systems architecture, serving as a reference for future projects.
* Utilized FTP/SFTP and RESTful APIs for secure data exchange and connectivity between disparate IT systems and platforms.
* Managed GIT repositories to ensure version control and effective collaboration on data integration projects within the IT department.
* Conducted detailed data analysis using SQL and Excel, supporting decision-making and operational efficiency across multiple departments.
* Developed data models and schemas to optimize data storage and retrieval in IT systems, enhancing performance and scalability.

**Environment**: SQL, ETL process, (Informatica, Oracle Data Integrator), Apache NIFI, Kafka, FTP/SFTP, Restful, APIs, Excel, GIT, data modelling tools, data security tools, and data governance tools.

**Education:**

* Bachelor of Technology (B.Tech) in Information Technology form JNTUH, Hyderabad, Telangana, India - 2015