Suman Reddy Y

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Career Objective:

Experienced IT professional with 6+ years specializing in Power BI development, complemented by a strong background in the IT sector. Skilled in Power BI Desktop, Power BI Service, Power Query, Snowflake, and SQL. Demonstrated expertise in integrating various data sources, including SQL Server, Snowflake, Oracle, Jira Cloud, REST APIs, Azure Databricks, SSAS Cube, SharePoint, and Excel, into Power BI solutions.

Professional Summary:

- Experienced in end-to-end Power BI report development, from requirement gathering to deploying reports and scheduling refreshes for automation.

- Extensive use of Power View for dynamic data presentations through various visualizations.

- Proven expertise in Power BI Service, including publishing and connecting reports, and implementing robust security measures such as Row-Level Security (RLS).

- Well-versed in MS Power BI concepts, including Data Modeling, DAX Functions, and crafting diverse visualizations like Gauge, Slicers, Funnel, KPI, Matrix, and Custom Visualizations.

- Proficient in designing and deploying reports, creating Dashboards with Quick Filters, Parameters, and Sets to optimize user views, and developing reports aligned with varied requirements.

- Hands-on experience in SQL and Snowflake, adept at data testing using SQL Queries, and skilled in Snowflake functionalities, including View Creation, Job Configuration, and Performance Tuning.

- Expertise in handling large datasets effectively.

- Developed deployment pipelines to streamline BI implementations.

- In-depth knowledge of Power BI deployment processes, ensuring effective implementation and seamless operation of BI solutions.

- Skilled in optimizing Power BI reports and dashboards for performance, ensuring fast load times and responsiveness.

- Proficient in ETL (Extract, Transform, Load) processes, integrating data from multiple sources into Power BI using SQL and Snowflake.

- Advanced data analytics and visualization techniques in Power BI, utilizing DAX for complex calculations and measures.

- Experience in developing and maintaining data warehouses in Snowflake, including schema design, data integration, and ensuring data quality and consistency.

Technical Expertise:

- Microsoft Power BI
- DAX
- MS SQL Server
- Power query
- Snowflake
- Data Modeling

Educational Qualifications:

Bachelor of Technology (B.Tech) in Electronics & Communication Engineering
JNT University, A.P

Project Experience:

Client1   : **Fair Stone, Montreal**
Role   **:** Senior software engineer
Duration **:** Aug 2021 - Present

Responsibilities:

- Spearheaded end-to-end BI solution development by initiating and leading requirement gathering sessions.
- Played a pivotal role in the entire reporting lifecycle, from creating reports to designing views in Snowflake.
- Identified tables, orchestrated the ETL process, and constructed complex data models to meet project objectives.
- Executed comprehensive deployment activities, leveraging Power BI Service administration for an automated solution.
- Implemented incremental refresh strategies to ensure UpToDate data availability and enhance report performance.
- Created apps and seamlessly published reports, streamlining user access and enhancing collaboration.
- Assumed the role of a Power BI Service admin, overseeing the administration tasks and ensuring optimal system performance.
- Provided leadership in guiding the team through complex scenarios, fostering knowledge sharing and problem-solving.
- Successfully handled large datasets, optimizing queries, and ensuring efficient data processing.
- Utilized Gitlab for raising MRs (Merge Requests) and deployment pipelines in Power BI, ensuring a streamlined development and deployment process.
- Implemented parameterization to dynamically update source details in the Power BI Service post deployment.

Environment: Snowflake, Power BI

Client2   : **Auto Desk, Montreal**
Role   **:** Senior software engineer
Duration   **:** Aug 2019 to Jul 2021

Responsibilities:

- Developed multiple reports in the Cyber Remediation project using Power BI.

- Created an end-to-end automation solution by extracting data directly from JIRA in the form of JSON through REST APIs.

- Developed Power BI reports and dashboards using Power BI Desktop and published them to Power BI service.

- Collaborated with leadership teams to understand requirements and provide efficient solutions.

- Interacted with database developers and DBAs to comprehend the existing schema.

- Served as a Power BI consultant, delivering end-to-end automated solutions for the project.

- Implemented action filters, parameters, and calculated sets to design dashboards and worksheets.

- Created various visualizations such as bar graphs, scatter plots, pie charts, and geographical visualizations.

- Utilized context filters and data source filters to handle large volumes of data.

- Built dashboards with measures featuring forecasts, trends, and reference lines.

Environment: Snowflake, Power BI, JIRA

Client3   : **AXIS Bank, Hyderabad India**
Role   **:** Software engineer
Duration   **:** July 2016 to July 2017

Responsibilities:
- Developed multiple end-to-end reports for a retail business client, focusing on sales data analysis. Interacted directly with the customer to gather requirements and deliver tailored solutions.

- Collaborated with the client to understand their retail business and specific needs for sales data analysis.

- Gathered requirements through direct interactions with the customer, ensuring a clear understanding of their goals and objectives.

- Designed and developed reports to analyze various key performance indicators (KPIs) in the retail business.

- Extracted, transformed, and loaded (ETL) the sales data from different sources into Power BI.

- Created data models and relationships to ensure accurate and efficient analysis.

- Designed visually appealing reports and dashboards to present insights in an intuitive and impactful manner.

- Implemented interactive features, such as slicers and drill through functionalities, to facilitate data exploration.

- Worked closely with the customer to iterate on the report design and functionality based on their feedback.

- Ensured data security and privacy considerations were addressed in the development and sharing of reports.