T V S SAI KRISHNA

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PROFESSIONAL SUMMARY

Having 2.7 years of experience specializing in leveraging Power BI, SQL, Python, ETL, Incorta and MS Excel for transforming complex data into actionable insights and creating compelling visualizations and maintaining impactful dashboards and reports. Demonstrating a track record of optimizing operations and driving growth through data-driven insights. Committed to delivering top-tier solutions in analytics space.

FUNCTIONAL AREAS

- Data Cleaning
- Data Modelling
- Data Visualization

- Reporting and Analysis
- Stakeholders Handling
- Data Transformation

TECHNICAL SKILLS

- **Power BI –** Power Query, Power Pivot, DAX, Power BI Service, Extract, Transform and Load (ETL), Row Level security (RLS), Reports and Dashboards.

- **Power Apps, SharePoint, Dataverse**

- **SQL**- DDL, DML, Subqueries, Joins, MySQL, Window Functions.

- **Python** – Data Types, Variables, Operators, List and Tuples, Type Casting, Dictionaries.

- **Incorta** – Extract Transform & Load [ETL], Schema, Business Schema, Reports, and Dashboards, Materialized Views, Joins.

- **MS Office** - Excel, Word, Power point.

WORK EXPERIENCE

JK TECH: IT & Digital Transformation Company, Bangalore
Consultant   **Jan 2022 - Mar 2024**

TATA CONSULTANCY SERVICES   **Jun 2024 - Present**

PROJECTS

Project: SIP   **System Engineer – Power Bi Developer**
Tools   : Power Bi, Mendix.
Source   : Mendix Consol.

Responsibilities:
- o Collaborated with cross-functional stakeholders, including business analysts and project managers, to define requirements for the SIP dashboard, using Mendix Console as the primary data source to align with business goals.
- o Optimized data management in Mendix Console for seamless integration, establishing a robust Power BI connection that enhanced visualization and reduced reporting time by 30%.
- o Processed and cleaned data in Power Query, developing table relationships and key metrics to drive actionable insights for informed decision-making.
- o Created SIP reports with over 10 +engaging visuals and 5+ DAX measures, providing detailed insights that transformed stakeholder strategies.
- o Integrated customizable parameters for user experience, published the dashboard for accessibility, and granted super user access for efficient client management.
- o Deployed reports across environments using deployment pipelines, effectively managing access and ensuring appropriate permissions.

- o Monitored data refresh schedules in Power BI Service for timely updates, proactively resolving connection errors to maintain data accuracy.
- o Plans to incorporate user feedback for continuous improvement and explore additional features to enhance dashboard capabilities.

Project: Team Catalog   **System Engineer – Power Bi Developer**

Tools   : Power Bi, Power Apps, Power Automate.
Source   : Share point, Dataverse.

Responsibilities:

- o Connected with stakeholders to gather and define requirements for the Team Catalog dashboard, utilizing Dataverse and SharePoint as primary data sources.
- o Managed data in SharePoint for seamless integration and established a robust Power BI connection with Dataverse.
- o Processed and cleaned data using Power Query, developing strong table relationships and identifying key metrics for insightful analysis.
- o Created comprehensive Team Catalog reports that included over 5+ visuals and 10+ DAX measures for detailed insights.
- o Integrated customizable parameters and published the dashboard for enhanced accessibility, providing super user access for client management.
- o Deployed reports across environments using deployment pipelines, effectively utilizing Azure Entra ID groups to manage report access.
- o Monitored data refresh schedules within Power BI Service to ensure timely updates, proactively resolving connection errors to maintain data accuracy.

Project: Topic Atlas   **System Engineer – Power Bi Developer**

Tools   : Power Bi, Power Apps, Power Automate.
Source   : Share point, Dataverse.

Responsibilities:

- o Collaborated with stakeholders to define requirements for the Topic Atlas dashboard using Dataverse and SharePoint as data sources.
- o Managed SharePoint data for integration and established a seamless Power BI connection with Dataverse.
- o Processed and cleaned data in Power Query, developing robust table relationships and identifying key metrics for insights.
- o Created Topic Atlas reports featuring 20+ visuals and 5+ DAX measures for comprehensive analysis.
- o Integrated customizable parameters and published the dashboard for accessibility, granting super user access for client management.
- o Deployed reports in the environments using the deployment pipelines, leveraging Azure Entra ID groups for managing report access.
- o Monitored data refresh schedules in Power BI Service to ensure timely updates and resolve connection errors, maintaining data accuracy.

Project: Finance Data Strategy   **Consultant – Incorta Developer**

Tools   : Incorta, SQL, ETL.
Source   : Oracle DBA.

Responsibilities:

- o Conceptualized and executed advanced data models within Incorta, harmonizing data from Oracle EBS and Excel Files. This seamless integration
- o yielded comprehensive insights, bolstering data-driven decision-making.
- o Extracted Data from 3 Sources – SQL, Oracle Cloud, and Excel.

- o Optimized ETL processes on raw data by creating 15+ schemas and 12+ materialized views in Spark SQL, 10+ Alias tables, and different tables
- o to ensure efficient data extraction, transformation, and loading into Incorta's Schemas, resulting in reduced data processing time and enabling
- o real-time insights for improved operational efficiency.
- o Implemented 20+ Business Schemas, designed 15+ views, and introduced 10+ measures, boosting insights accuracy by 40%. This included
- o creating Physical and Business Schemes for faster data query performance.
- o Leveraged Incorta's visualization tools to craft dashboards, enhancing data comprehension and decision-making.

Project: Parts by dealer   **Consultant – Power Bi Developer**

Tools   : Power bi, SQL.
Source   : Databricks.

Responsibilities:
- o Led the integration of Azure Databricks data into Power BI, which provided an extensive knowledge of parts and dealer data; this involved gaining access to Azure Databricks, navigating tables in the silver layer, and creating views to simplify the process of data retrieval.
- o Set up a connection between Azure Databricks and Power BI to promote data movement and work between the two platforms.
- o Performed data transformation and cleansing on Power BI: power query to simple transformation and defined table relationship in detail to ensure the accuracy of data.
- o Employed DAX in Power BI to create calculations and measure, enhancing data analysis and insight generation.
- o developed Power BI dashboards using visualizations with over 2+ views and with 5+visuals. It was essential to validate the correctness of the dashboard before publishing it for other stakeholders.

Project: SCM (Supply Chain Management)   **Associate Consultant – Power Bi Developer**

Tools   : Power Bi, DAX, SQL, SSIS, SSMS.
Source   : EXCEL, Flat files.

Responsibilities:
- o Collaborated with stakeholders to thoroughly understand SCM dashboard requirements.
- o Employed flat files (text, Excel) as data sources, utilizing SQL Server and SSIS-Packages for efficient processing.
- o Managed SQL server housing SCM data using SSMS for interaction.
- o Established seamless Power BI connection with SQL Server for integration.
- o Processed data in Power Query, applying transformations and M-language for cleaning.
- o Developed robust table relationships, ensuring coherence and uniqueness, while identifying key metrics for dashboard insights.
- o Built reports for the SCM dashboard, incorporating 10+ visuals and 20+ DAX measures for comprehensive analysis.
- o Implemented RLS in Power BI for data access restriction based on user roles.
- o Created and integrated parameters for flexibility and customization within the server.
- o Published the completed dashboard for accessibility and collaboration, providing super user access for client management.

EDUCATION

Bachelor of Technology [B. Tech]   **06/2017 – 07/2021**

 7.06 CGPA

 QIS INSTITUE OF TECHNOLOGY (ONGLOE).

CERTIFICATIONS & WORKSHOPS

- **Build a Face Recognition Application using Python by GUVI.**

- **Attended "Python Programming Workshop" conducted by APSSDC.**

- **Data Visualizing with Power Bi by Great Learning.**

- **Incorta Essentials for Business Analyst by INCORTA.**

- **Incorta 5 Foundations for Developers.**

- **Exploring Data with Looker by Google.**

- **SQL by Udemy.**

- **Data Science by Rinex.**

- **Certification by JSpiders.**
    - o **Oracle SQL 10g/11g**.