Arun Kumar Singh

Power BI Developer

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Summary

Dynamic and results-driven Power BI Developer with over 3.9 years of experience at Tata Consultancy Services (TCS). **Microsoft Certified in Power BI**, with expertise in **PostgreSQL** and data integration tools like **Talend**, **WinSCP**, and **DBeaver**. Strong background in data analysis, visualization, and optimizing data processes to drive impactful business solutions. Adept at collaborating with cross-functional teams, delivering actionable insights, and supporting complex projects in the Power Conversion domain at General Electric (GE).

Experience

Power BI Developer, 06/2021 - Current
Tata Consultancy Services - Noida

- Currently working in the **Power Conversion Project** for General Electric (GE), contributing to data-driven decision-making processes by developing Power BI reports and dashboards.
- Leverage **PostgreSQL** for querying and managing large data sets, ensuring data accuracy, consistency, and integrity.
- Work with **Talend** for ETL processes, transforming data and integrating multiple data sources to ensure seamless data flow.
- Regular use of **WinSCP** for secure file transfers and **DBeaver** for efficient database management and querying.
- Contributed to the development of key **Power BI** dashboards that provide insights on system performance, business trends, and process optimizations.

Skills

- **Data Visualization:** Microsoft Power BI-Certified
- **Databases:** PostgreSQL
- **ETL/Integration Tools:** Talend, WinSCP
- **Other Tools:** DBeaver
- **Languages/Technologies:** SQL, Data Modeling

Education

Master of Computer Applications - GLA University | 2022
Bachelor of Computer Applications - GLA University | 2020

Certifications

- Microsoft Power BI Certified by -Microsoft
- SQL - Udemy

Projects

GE Vernova Power Conversion

Key Responsibilities:

- **Power BI Development**: Designed and developed interactive dashboards and reports using Power BI, transforming complex datasets into insightful visualizations to support data-driven decision-making.
- **PostgreSQL Management**: Worked extensively with PostgreSQL, including writing complex SQL queries, optimizing database performance, and ensuring efficient data management for seamless integration with reporting tools.
- **Debugging & Troubleshooting**: Conducted thorough debugging and troubleshooting of data pipelines, reports, and database queries to identify and resolve issues, ensuring accuracy and consistency of outputs.
- **Ticket Management (ServiceNow)**: Managed incident and service requests through ServiceNow, prioritizing and resolving technical issues, ensuring timely delivery and maintaining a high level of customer satisfaction.