

VASUNDHARA

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PROFESSIONAL SUMMARY

Highly skilled and dedicated BI analyst and SQL developer with 3+ years of experience collaborating with stakeholders, integrating the data, designing and developing data systems and a proven track record of creating high-quality deliverables through data visualization and analysis using Power BI, SQL and identifying the process improvement.

LANGUAGES AND TOOLS

Azure Data Factory, Azure Data Lake, Azure SQL Database, Azure Storage, Python, SQL Server, Power BI, GitHub, ETL, Excel

EDUCATION

MSc in Data Science & Artificial Intelligence, Bournemouth University (BU), Bournemouth | Grade – 2:1 **Jan'20 – Jan'22**
Bachelor in Information Technology, Jawaharlal Nehru Technological University, Kakinada | Grade – 2:1 **Sep'13 – May'17**

PROFESSIONAL EXPERIENCE

BI Analyst | Freelance

Sep'22 – Sep'23

- Interacted with stakeholders to learn about their decision-making criteria, then use Power BI and ETL to analyse the data to create dashboards that tell a story and also resolved data issues by improving the data quality and integrity achieved by 20%.
- Successfully extracted, transformed, and loaded data from a variety of sources, including Azure SQL, Blob storage, and on-premises servers, pipelines were constructed in ADF utilizing Linked Services, Datasets, and Pipelines achieved by 10% accuracy rate.
- Translated business requirements into meaningful report decks utilizing Power BI and accessed SQL database for analysis and collaborated with stakeholders to gather feedback and iterate on deliverables achieved by 30%.
- Incorporated and used Power BI's capabilities to manipulate, transform, and aggregate data for relevant KPI calculation 20%, metrics, and visualizations to present comprehensive management information. Familiar with using the DAX, Filters and Power Query.
- Maintained documentation, implementing process improvements that reduced manual intervention by 20% and increased automation efficiency.
- Followed best practices in data management, resulting in zero data breaches and maintaining a high standard of data security.

BI Analyst | Info Logic Solutions(internship)

Jul'21 – Jan'22

- Build reporting infrastructure using Power BI & SQL. Developed data-driven strategies to support business decisions.
- Created SQL queries to extract and transform data from multiple databases for reporting and analysis purposes.
- Conducted data cleansing to improve data accuracy and consistency.

SQL/ BI| Tata Consultancy Services

Aug'17 – Jan'20

- Developed and maintained SQL scripts, stored procedures, functions and ETL processes for data extraction, transformation, and reporting, increasing query execution speed by 20%. Wrote SQL queries, optimizing query performance by 25% and reducing execution time.
- Conducted data analysis and profiling, identifying and resolving data quality issues, leading to a 40% improvement in data accuracy. Performed ETL activities to load data from Source Systems to Azure Storage, Azure SQL DB using a combination of Azure Data Factory, T-SQL
- Assisted in troubleshooting and resolving database-related issues, resulting in a 30% reduction in system downtime.
- Implemented and maintained database security measures, ensuring 100% compliance with data privacy regulations.
- Created and maintained documentation for ETL workflows, BI and standard operating procedures, improving team efficiency
- Doing enhancements of end-to-end coding for development. Worked on the queries and tables in the database to analyse the data

ADDITIONAL INFORMATION

- **Interpersonal skills:** Presentation skills, Collaboration, Communication, Problem-solving skills, Team Player, Adaptability
- **Awards:** Delivery excellence recognition award in TCS from Bank of America for meeting delivery deadlines and being proactive in the team.