

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  
Bachelor in Information Technology, Jawaharlal Nehru Technological University, Kakinada | Grade – 2:1

#### **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.