**AKASH TRIPATHI**

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**SUMMARY**

Dynamic Data Engineer with 4 years of experience in developing and managing data solutions for visualization and analytics tailored to senior business analysts. Proficient in assembling, analyzing, and optimizing complex data sets, with expertise in ETL, SQL, master data management, and adept at leveraging AWS and Databricks environments. Proven ability to deliver impactful results through innovation and continuous improvement in a data-driven retail environment. Adept at translating business needs into actionable insights, ensuring data integrity, and delivering innovative solutions that align with organizational goals. Eager to bring a results-oriented mindset and a passion for continuous improvement to the dynamic environment at Deloitte.

**TECHNICAL SKILLS**

* **ETL Tool:** Informatica PowerCenter v10.4
* **BI Tools:** Power BI Desktop, DAX
* **Databases:** Oracle, SQL Server, PostgreSQL, Teradata
* **Programming Languages:** Python
* **MDM Tool:** Tibco EBX
* **Other Tools:** MS Excel, Unix, Snowflake(Basic)
* **Excel Automation:** Using Openpyxl
* **Core Competencies:**
  + Sound understanding of data modeling, data warehousing, and ETL processes tailored to meet the specific needs and challenges of the retail industry.
  + Hands-on experience with SQL databases, ensuring efficient data storage, retrieval, and analysis to support retail operations and decision-making.

**EXPERIENCES**

**Organization:** Tata Consultancy Services Sep 2020 – Present

**Client:** UNFI (United Natural Food Inc.)

**Roles and Responsibilities:**

* **Developing, Testing, and Maintaining:** Designed, tested, and maintained complex queries and infrastructures for BI software, ensuring seamless data consumption across the organization.
* **Cross-Functional Collaboration:** Worked closely with cross-functional teams to conceptualize, visualize, and build enterprise databases aligned with both functional and non-functional business requirements.
* **Data Error Resolution:** Investigated, troubleshot, and resolved data errors while optimizing the extraction, transformation, and loading (ETL) of data from diverse sources.
* **Data Workflow Management:** Created and managed efficient data workflows, ensuring smooth data flow and processing, thereby enhancing decision-making processes.
* **Data Quality Assurance:** Ensured data quality and integrity by implementing robust ETL processes, facilitating seamless migration and deployment of data across various retail systems.
* **Python Automation:** Leveraged Python for data analysis and automation of repetitive tasks, significantly improving the efficiency and accuracy of data processing.
* **Ad-Hoc Analysis:** Conducted ad-hoc analysis for clients and internal teams, delivering timely and relevant insights to address specific business questions and challenges.

**CERTIFICATIONS**

* [Microsoft Certified: Power BI Data Analyst Associate](https://learn.microsoft.com/en-us/users/AkashTripathi-0696/credentials/3C22BBF65CA5C242) [May 2024]
* [AWS Certified Cloud Practitioner Certification](https://github.com/akashtri19298/Certifications/blob/main/AWS%20Certified%20Cloud%20Practitioner%20certificate.pdf) [Oct 2022]
* [IBM Data Science](https://www.coursera.org/account/accomplishments/professional-cert/certificate/3LH5RZXHJYDJ) [Sep 2019]

**EDUCATION**

**Bachelor of Technology (B. Tech), Computer Science & Engineering,** Jul 2016 - Sep 2020

Rajkiya Engineering College Kannauj 7.82 CGPA