



Saurav Kumar

Data Engineer 2

My Contact

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🌐 [Saurav kumar](#)

Professional Skills

- Azure Synapse Workspace
- Azure Data Factory
- Azure Data Bricks
- Azure Function App
- Logic APPs
- Python
- SQL Server
- Stored procedures
- Hadoop
- Performance tuning
- Azure AD Integration
- Hive
- Spark

Education

- | | |
|----------------------|------|
| • B.Tech | 2021 |
| • Intermediate(CBSE) | 2015 |

Soft Skills

- Leadership
- Communication
- Innovation
- Teamwork

About Me

Seasoned Data Engineer with hands-on experience in Azure services like Azure Data Factory (ADF), Azure Databricks, Azure Synapse Analytics, Azure Function App, SQL, Python, and Spark. I specialize in designing, implementing, and optimizing data solutions on the Azure platform, leveraging these tools to create scalable and efficient data pipelines, perform data transformations, and drive valuable insights from data.

Professional Experience

Tranzita Systems

Projects (P&G Clients)

May 2022 - Present

Rule Base Dashboard (Live on Prod)

- Integrated data engineering solutions using Azure Synapse data warehouses, resulting in seamless data integration, transformation
- Optimized data workflows using Azure Synapse capabilities and Logic Apps automation, increasing efficiency and reducing manual intervention by 50%.
- Stay updated with Azure Synapse architecture best practices, leveraging emerging technologies to continually enhance data engineering solutions and drive informed decision-making for organizational success.

Transportation Command Center India(Live on Prod)

- Developed advanced parameterized stored procedures on SQL Server for efficient data processing, incorporating performance tuning techniques to enhance query execution.
- Designed and implemented scalable Data Lake Houses using Delta Lake for efficient data storage, processing, and querying
- Configured Delta Lake to ensure ACID transactions, data versioning, and schema enforcement for reliable data operations

Achivements

- [First Rank in Hackathon Decode 11.3 Which was Organized by Board infinity](#)

Certifications

- [Microsoft Certified: Azure Data Engineer Associate DP-203](#)
- [Certification in Data science](#)

Data Central Mumbai (Shelved due to GBS solution)

- Leveraged Python scripting to efficiently manipulate JSON data retrieved from user dashboards, implementing diverse validation rules such as regex, not null constraints, and other custom validation criteria
- Strong grasp of data modeling principles and best practices for structuring and organizing data within Data Lakes
- Practical experience in setting up, configuring, and working with Delta Lake involves creating Delta Lake tables, managing data ingestion pipelines, optimizing performance, and handling data updates and deletions.

Command Center India (Live on Prod)

- Established multiple connections between Azure resources to facilitate seamless data transfer and integration, orchestrating data flows from various sources to Azure Synapse Analytics for centralized processing and analysis.
- Implemented networking configurations post provisioning, including virtual network setup and private endpoints, ensuring secure data transfer within the Azure ecosystem and adherence to compliance requirements.
- Leveraged Azure Data Lake Gen2 and Blob Storage for scalable and cost-effective storage solutions, optimizing data management processes and enabling efficient data access and analysis within the Azure environment.
- Utilized a Dedicated SQL Warehouse for specialized data storage requirements, configuring and managing dedicated resources to accommodate high-volume data processing and analytics tasks, ensuring optimal performance and scalability.

Jupiter Ai labs

Data Analyst

Jan 2022 -May 2022

- Python-Powered Data Manipulation: Utilized Python expertise to transform and manipulate data from various Excel files. Employed a variety of powerful libraries to align data with specific business requirements, consistently exceeding stakeholder expectations.
- Customized Business Insights: Translated stakeholder needs into meaningful insights by processing and organizing data through Python scripts. Employed Python's flexibility to tailor data structures and formats to meet specific business demands, enhancing decisionmaking.
- Excel-to-Insight Transformation: Transformed raw Excel data into valuable insights. Used Python's data manipulation capabilities to clean, aggregate, and format data, producing insights for strategic decisionmaking.