

Suraj

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Seasoned IT professional with more than 3 years of experience in essential software and data platform applications. Expertise lies in data warehousing, data engineering, analytics, business intelligence (BI), overseeing ETL pipelines, and streamlining data workflows. Well-versed in ETL architecture, cloud solutions, and data warehousing, with practical involvement in Azure and other Microsoft technologies. Skilled in conceptualizing and executing complete project cycles, from analysis and development to testing, deployment, and workflow automation. Currently seeking a new permanent role.

Professional Summary

- ❖ Experienced Azure Data Engineer with a proven track record of designing and deploying robust data platform solutions across various industries on the Azure platform.
- ❖ Skilled in leveraging ADF, Synapse Analytics, Data Bricks (Intermediate), and Azure Data Lake Storage to construct comprehensive data pipelines and facilitate seamless data transmission.
- ❖ Proficient in data integration, data warehousing, Star and Snowflake schema, and data modeling, emphasizing the delivery of high-quality, scalable, and efficient data solutions.
- ❖ Demonstrated capability to collaborate effectively with cross-functional teams, stakeholders, and IT professionals to deliver impactful insights and promote data-driven decision-making.

Technical Skills

- ❖ **Visualization Tools:** Power BI, Tableau, SSRS
- ❖ **Database servers:** SQL Server, Snowflake, Oracle, MongoDB
- ❖ **ETL:** ADF, Alteryx, Databricks, Synapses, SSIS, Power Query
- ❖ **Others:** python (Beginner),SQL, Big Query, Git, Visual Studio, DBT

Professional Experience

Organization: CAD League

Feb 2023 - May 2024

Roles & Responsibilities

- ❖ Worked closely with stakeholders, including business users and IT teams, to comprehend requirements and deliver top-notch data solutions aligned with business objectives.
- ❖ Designed, developed, and maintained cloud-based data integrations, covering both batch and streaming processes, leveraging ADF, Data Bricks, EventHub's and Azure Logic Apps.
- ❖ Implemented data validation checks, data quality test cases, and error handling mechanisms within Synapses and ADF pipelines to ensure the reliability and accuracy of data processing.
- ❖ Orchestrated end-to-end ETL/ELT processes using ADF and Databricks to manage data movement and transformations across diverse Azure services and data sources.
- ❖ Established robust data security protocols, including access control via Key Vault and IAM, and ensured compliance with data privacy regulations to safeguard sensitive information.
- ❖ Engaged in Agile Scrum methodology, scrum calls, actively contributing to sprint planning, backlog creation, daily Scrum updates, demo presentations, and retrospective meetings.
- ❖ Employed Azure DevOps to optimize CI/CD workflows, automating the deployment of data pipelines and implementing version control practices using Git for seamless collaboration and continuous integration/continuous deployment.

- ❖ Strategically utilized Azure Synapse Analytics, harnessing clusters, and dedicated SQL pools, to enhance querying efficiency and streamline data sharing.
- ❖ Employed Power BI, DAX, and Power Query data visualization tools to analyze and derive insights from extensive datasets, generating visually appealing and actionable interactive reports.
- ❖ Designed and implemented advanced Power Automate workflows to automate tasks, notifications, and approvals seamlessly across diverse systems, ensuring efficient operations.

Environment: Data Factory, ADLS, Synapse, Databricks, SQL, Power BI, Power BI Automate, Event Hub

Organization: Evercore Investment Banking

Mar 2021 - Apr 22

Roles & Responsibilities

- ❖ Facilitate with both internal and external stakeholders to identify and tackle business challenges and requirements, effectively translating client needs into efficient database solutions.
- ❖ Leveraged ADLS and Azure Blob Storage for the storage and management of large volumes of structured and unstructured data, facilitating streamlined data retrieval and analysis processes.
- ❖ Designed and implemented custom data pipelines using ADF, Functions, Logic Apps, automating data ingestion, loading procedures to reduce manual efforts and enhance operational efficiency.
- ❖ Conducted performance optimization of BI solutions, addressing performance bottlenecks and enhancing system scalability to accommodate increasing data volumes and user demands.
- ❖ Created visually engaging and actionable self-service reports in Power BI and conducted performance tuning for Power BI and Tableau. Additionally, migrated SSRS reports into Power BI.
- ❖ Implemented Data Folding and Query reduction techniques, MashUp language functions, and managed Data Silos while implementing transformations on Power Query.
- ❖ Developed complex SSAS cubes, integrating multiple fact measure groups and dimensions, and utilized DAX for measures and calculated columns. Utilized DAX Studio to analyze performance.
- ❖ Installed and configured Power BI gateways on on-premises servers to ensure reports are updated with current data, and facilitated incremental loading from on-premises, cloud, O 365.

Environment: ADF, SSIS, ADLS, SSIS, Tableau, Power BI, SQL Server, Snowflake

Organization: Metro Retail

June 2020 - Mar 2021

Roles & Responsibilities

- ❖ Worked with cross-functional teams, including data scientists and business stakeholders, to deliver actionable insights through data analysis, visualization, and effective communication.
- ❖ Developed logical and physical data models to fulfill business requirements, optimize data storage and retrieval, and improve overall data architecture using SQL, Alteryx, and SSIS.
- ❖ Provided support and troubleshooting for legacy batch ETL jobs, utilizing Alteryx, SSIS, SQL, and scripting to resolve issues related to missing, incorrect, or inconsistent data in ETL processes.
- ❖ Managed user access and user groups using Active Directory and Azure Key values.
- ❖ Implemented custom logging and package configurations in SSIS to dynamically change connection strings and variables using parameters. Utilized various containers and transformation streams in SSIS and Alteryx Desktop and Alteryx Gallery.
- ❖ Created and maintained interactive data visualization through data interpretation and analyses, integrating reporting components from multiple data sources in Power BI, SSRS and Tableau.
- ❖ Utilized SharePoint and the Power Platform suite, including Power Apps, Power Automate, and Power BI, to develop tailored solutions that address clients' needs across various industries.

- ❖ Designed dynamic and visually engaging Tableau and SSRS reports, as well as interactive Power BI and Tableau dashboards, to facilitate data-driven decision-making across departments.

Environment: Alteryx, SSIS, SSRS, SQL Server, Power BI, Tableau

Education

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| ❖ Bachelor of Commerce(computers) | 2020 |
| ❖ Masters in MSc Management (with Professional Development and Planning) | 2023 |

Other Details

- ❖ Location: London
- ❖ Availability: Immediate start
- ❖ Visa: PSW/Graduate Route visa

Certifications

- ❖ PL-900: Microsoft Power Platform Fundamentals
- ❖ PL-400: Microsoft Power Platform Developer
- ❖ PL-300: Microsoft Power BI Data Analyst

References Available on Request