**Maheshwari**  

**Professional Summary:**

* Over 13 years of experience as a Data Engineer, specializing in Cloud Data Engineering, Microsoft Business Intelligence (MSBI – SSIS, SSRS), and Power BI/Tableau development. Extensive expertise in SSIS (13 years) for data integration, SSRS (6 years) for reporting and analytics, and Azure (5+ years), including Azure Data Factory, Databricks, Azure Data Lake and Azure SQL Database.
* Good experience in AWS cloud services, including AWS Glue, Amazon Redshift, Amazon S3, and AWS Lambda.
* Strong background in ETL pipeline development, cloud-based data solutions, and analytical dashboarding.
* Hands-on experience in Power BI/Tableau for creating visualizations, dashboards, and data storytelling to drive business insights.
* Experience in Power BI/Tableau Server administration, performance tuning, and security management.
* Proficient in SQL, Python (PySpark), and automation of data ingestion and transformation processes.
* Hands-on experience in containerization using Docker and building CI/CD pipelines for cloud-based applications.
* Expertise in database optimization, system performance tuning, and disaster recovery planning.
* Skilled in API development and integration, leveraging Python and Web APIs to streamline data access and interoperability.
* Strong ability in technical and functional specifications creation, including user interface design, navigation flows, logic diagrams, data models, and process automation using MS Visio, DrawIO, and VS Code.
* Experience in system design (both low-level and high-level architecture) and workflow automation.
* Expertise in cloud security, IAM roles, multi-AZ architectures, and cloud-based storage management (Azure Data Lake, S3, AWS Pilot Light DR).
* Experience in SDLC aspects, including requirements gathering, application configuration design, business process analysis, scripting, code deployments, escalations, and urgent issue resolution using JIRA, ServiceNow, and CRM systems.
* Experience in writing database queries, stored procedures, triggers, and background jobs in MSSQL.

**Technical Skills:**

Programming Languages : Python (pyspark), Advanced SQL, T-SQL, Power Query

Cloud Platforms : Azure Databricks, Azure Data Factory, Azure Data Lake Storage

 Gen2, Azure Synapse Analytics, Azure SQL, Amazon S3,

 Amazon EMR, AWS Glue, Redshift, RDS, DynamoDB, EC2,

 Cloud Front, Kinesis, Cloud Watch, Lambda, API Gateway,

 Fargate

Database Management Systems : Microsoft SQL Server, Dynamo DB, MySQL, Mango DB

ETL/ELT : Azure Data Factory, SSIS, GoAnyWhere

Data Formats : XML, JSON, CSV, Delimited, Parquet

Certifications : Azure data Engineer Associate, Azure Data Fundamentals,

 Azure Fundamentals, Analyzing and Visualizing Data with MS

 Power BI

Data/ Error Analysis & BI Tools : Power BI, Tableau, Microsoft SQL Server Reporting Services

 (SSRS), Amazon QuickSight

Analytical Tools : Azure Analysis Services and SSAS

Version Control & CI/CD : Git, Team Foundation Server (TFS), Azure ADO, Jenkins

Scripting & Automation : Shell Scripting, YAML, Python Scripting

Security & Encryption : Azure Key Vault, Data Encryption

Collaboration Tools : Jira, ADO

**Professional Experience:**

**Client: Jones Lang LaSalle Americas Inc, Chicago, IL Nov 2023 – Present**

**Role: Lead Data Engineer**

**Project: EDP Finance System**

**Responsibilities:**

* Worked on JLL’s financial applications, leveraging Azure, Power BI, and Tableau for advanced analytics, data migration, and reporting automation.
* Led the migration of Compensation, Payroll, Bonus, Accrual, and Revenue reports from Cognos to Power BI, ensuring improved performance, better data visualization, and interactive reporting for business stakeholders.
* Designed and implemented data ingestion pipelines using Azure Data Factory and Azure SQL Database, extracting Egencia, Navan and TravelPark expense data and loading it into Finmart database for real-time tracking and cost analysis.
* Developed financial dashboards in Power BI and Tableau, enabling data-driven decision-making with interactive KPIs, trend analysis, and expense forecasting.
* Optimized financial data processing workflows on Azure, leveraging Azure Synapse Analytics, Data Lake Storage, and Power BI Embedded for seamless integration and scalable reporting.
* Implemented automated data refresh and scheduling in Power BI and Tableau, ensuring up-to-date financial insights with minimal manual intervention.

**Environment:** Power BI, Tableau, Azure Data Factory, Azure SQL Database, Azure Synapse Analytics, Azure Data Lake, Databricks, Python, T-SQL, Cognos, Microsoft Visual Studio, Azure DevOps.

**Client: Jones Lang LaSalle Property Consultants India Feb 2020 – Nov 2023**

**Role: Lead Data Engineer**

**Projects: EDP Valuation Advisory and Capital Market Group**

**Responsibilities:**

* Led end-to-end requirement gathering from source system teams, ensuring alignment with the Enterprise Data Model and data engineering needs on Azure.
* Developed and implemented a scalable data ingestion factory model on the Azure-based Enterprise Data Platform, enabling efficient data processing and governance.
* Integrated diverse data sources, ingesting structured/unstructured data from file share servers, Azure Blob Storage, and Azure SQL Database into the Enterprise Data Platform to Raw, Silver and Gold layers for optimized data management.
* Designed and implemented data transformation pipelines using Azure Data Factory, Azure Functions, and Azure Synapse Analytics, ensuring cleaned and structured data movement between the Raw, Silver and Gold layers.
* Developed data pipelines to read from the Raw, Silver and Gold layers, transforming and pushing validated data into the PIX application, ensuring seamless data integration and accessibility.
* Implemented Azure-native security, monitoring, and automation tools such as Azure Active Directory (Azure AD), Azure Monitor, and Azure Logic Apps, ensuring data integrity, compliance, and operational efficiency.
* Adhered to data governance frameworks within the Enterprise Data Platform, ensuring compliance with data quality standards, implementing data lineage tracking, and enforcing access control mechanisms for secure and compliant data management.

**Environment:** Azure Data Factory, Azure SQL Database, Azure Synapse Analytics, Azure Data Lake, Databricks, Python, T-SQL, Microsoft Visual Studio, Azure DevOps.

**Client: Shell India Markets Private Limited, India May 2019 – Jan 2020**

**Role: Senior Technical Analyst ­ Microsoft Azure**

**Responsibilities:**

* Conducted in-depth evaluation of Azure SQL Data Warehouse (Synapse) and Azure SQL Database, analyzing capabilities, scalability, and cost-effectiveness.
* Explored Azure service features through diverse use cases, collaborating with application teams to determine optimal solutions.
* Performed performance benchmarking on Azure SQL DW and Azure SQL DB, testing high-volume data loads to assess efficiency and scalability.
* Documented performance matrices and service comparisons, providing actionable insights for selecting the best Azure database solution based on business requirements and cost benefits.
* Created Service Read-out documentation, detailing features, limitations, and best practices for Azure-based data solutions.
* Guided application teams on Azure services selection, offering strategic recommendations for optimal performance, security, and pricing alignment.
* Evaluated Azure pricing models, optimizing service configurations to meet application needs while ensuring cost efficiency.

**Environment:** Azure SQL Database, Azure Synapse Analytics (SQL DW), Azure Data Factory, Azure Monitor, Azure Cost Management, Azure Advisor, T-SQL, Power BI, Microsoft Visual Studio, DevOps, Git.

**Client: DXC Technology India Private Limited, India Mar 2016 - May 2019**

**Role: Project Lead**

**Responsibilities**

* Developed and maintained Power BI dashboards, managing end-to-end processes from data modeling to visualization.
* Optimized backend data and resolved bugs, ensuring seamless performance for Power BI reports and Performance Insight dashboards.
* Designed and implemented SSIS packages for efficient data extraction, transformation, and loading (ETL).
* Managed data ingestion on Azure, onboarding 35+ sources for Daimler AG and implementing the ABC (Audit, Balance & Control) framework for enhanced data governance.
* Developed Azure-based data pipelines using Azure Data Factory, Azure Databricks, and Azure Functions for scalable data processing.
* Implemented Azure Synapse Analytics for optimized data warehousing and reporting solutions.
* Handled database operations, including data loads, backup/restoration, and real-time data streaming using Azure Stream Analytics.
* Configured and managed Azure Data Lake Storage (ADLS) for secure and efficient data storage.
* Led requirement discussions and dashboard enhancements, improving usability and driving business insights with advanced visualizations.
* Integrated Azure DevOps for CI/CD pipeline automation, enhancing deployment efficiency and version control.

**Environment:** Power BI, SSIS, SQL Server, Azure Data Factory, Azure Data Lake (ADLS), Azure Databricks, Azure Functions, Azure Synapse Analytics, Azure Stream Analytics, Microsoft Azure, T-SQL, Python, API Gateway, Microsoft Visual Studio, Git, Jira, TFS.

**Wipro Technologies, India**

**Client: Lloyd’s Bank, Avaya Telecom, State Street Securities Mar 2014 - Jan 2016**

**Role: Sr Data Engineer**

**Responsibilities**

* Gathered requirements and developed SSRS reports, including ad hoc business-specific MI reports.
* Migrated SAS reports to SSRS, ensuring seamless data visualization and reporting.
* Designed and automated SSIS packages for data ingestion, change data capture, and business file processing.
* Conducted unit, scalability, and performance testing, preparing test cases, defect tracker documents, and solution delivery reports.

**Environment:** SSRS, SSIS, SQL Server, Oracle, SAS, T-SQL, CSV, XML, Microsoft Visual Studio, Jira, Git, TFS.

**IBM India Pvt Ltd, India**

**Client: Lebara Telecom, Aviva Insurance May 2011 - Nov 2013**

**Role: Sr Data Engineer**

**Responsibilities**

* Enhanced and maintained SSIS packages, optimizing performance and resolving bottlenecks.
* Gathered business requirements and developed SSIS solutions, ensuring alignment with technical specifications.
* Implemented ETL processes using Control Flow tasks and various transformations for efficient data integration.
* Ensured timely trade report deliveries while implementing enhancements and maintaining compliance with client standards.

**Environment:** SSIS, SQL Server, Microsoft SQL Server, T-SQL, Web APIs, XML, JSON, Microsoft Visual Studio, Git, TFS.