RAHUL GURJAR

Senior Data Engineer | Azure Data Expertise | ETL & DWH Proficiency

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SUMMARY

Results-driven Senior Data Engineer with expertise in Azure Data & Analytics, ETL, Data Warehousing (DWH), and Cloud Data Solutions. Recognized for adaptability, innovation, and leadership in delivering scalable data platforms and optimizing performance across Azure Data Factory, Synapse, Databricks, and SQL-based systems. Actively seeking international opportunities to apply technical and leadership skills in global, cross-functional environments, driving business impact through data-driven decision-making.

EXPERIENCE

Data Engineer

Patona

📅 07/2024 - 03/2025　📍 Pune, India

- Designed and implemented complex ETL pipelines in Azure Data Factory for seamless data migration from legacy systems to Azure SQL Databases and Delta Lake.
- Developed robust Synapse Notebooks, reusable ADF Mapping Data Flows, and Azure Functions to perform data cleansing, enrichment, and facilitate multi-stage batch processing and real-time triggers.
- Optimized SQL performance and stored procedures, ensuring efficient data processing and high-volume transformations.
- Designed and deployed scalable Delta tables in Synapse and Databricks for ACID-compliant data updates and rigorous version control.
- Managed data migration through Extract, Landing, and Curated zones using dynamic pipelines and custom business logic.
- Integrated Azure DevOps CI/CD workflows and maintained source control via Bitbucket, enhancing the development-to-production transition and team collaboration.
- Translated business needs into actionable SSRS reports and dashboards, supporting the PropTech business model by mapping critical data flows.

Data Engineer

KoinWorx BV (TCS-Contract)

📅 05/2022 - 05/2024　📍 Chennai, India

- Led requirement analysis and mentored developers to deliver high-quality code, ensuring compliance with coding standards.
- Designed and implemented comprehensive Azure data solutions, including Data Factory, Data Lake Storage, and Azure Databricks.
- Migrated data from on-premises to Azure and developed efficient batch processing pipelines using ADF and Databricks.
- Built and managed scalable Databricks clusters and implemented PySpark DataFrames for data processing.
- Crafted ADF pipelines and linked services for robust ETL operations across Azure SQL, Blob Storage, and Synapse.
- Conducted thorough functional and regression testing, authoring and executing detailed ETL test plans.
- Collaborated with business users to gather requirements and facilitate knowledge transfer sessions.

PROJECTS

Azure banking ETL pipeline

Built an end-to-end Azure-based ETL solution simulating banking data migration from on-prem to cloud. Implemented ingestion with ADF, transformations with Databricks/PySpark, storage in Delta Lake, and analytics via Synapse SQL. github.com/ETL-kenobi

Enterprise data quality framework

An end-to-end Data Quality validation project using Azure Data Factory, Azure SQL Database, and Databricks. Includes ADF-based data ingestion, SQL staging, PySpark-based validation logic, and storage of clean/rejected records with visualized outputs and documentation. github.com/ETL-kenobi

KEY ACHIEVEMENTS

📈 **Optimized Azure Data Factory Pipeline Performance**

Applied tuning techniques including sequential activity runs, DTU scaling, staging, and logging to resolve a critical slowdown, reducing execution time by 50% (16 hrs to 8 hrs) despite increased data volume.

⚡ **Improved SQL Query & Procedure Performance**

Optimized long-running SQL procedures, dependent views, and related DB objects, reducing execution times by up to 60% and significantly improving overall system responsiveness.

💲 **Cost Optimization & Performance Improvements**

Implemented Synapse Notebook with Delta Lake storage and Serverless SQL views, reducing dedicated SQL pool usage and cutting Synapse Analytics costs by 30%.

👉 **Technical & Operational Achievements**

Led cross-functional resolution of a critical month-end production failure, identifying schema change issues, implementing a same-day workaround, and restoring pipelines within SLA. Introduced a schema change alert process, reducing future risks.

EXPERIENCE

Associate Consultant

Stratecent India Pvt Ltd

📅 01/2020 - 09/2021   📍 Gurgaon, India

- Enhanced project delivery time by {15%} by executing Agile ceremonies and managing {4} DEV to PROD environments.
- Designed Informatica mappings and prepared ETL documentation for development to production migration.
- Led analysis for cloud data warehouse migration to Snowflake, adapting workflows and validating post-load data.
- Executed data quality checks, transformation testing, and performance tuning within Snowflake, utilizing DBT for validation.
- Developed complex Informatica mappings and fine-tuned code for improved performance.
- Resolved Autosys cycle issues through daily status updates and RCA for job failures.
- Managed version control using Git-Bash/SourceTree and Bitbucket repositories.

Senior Software Engineer

Conduent

📅 03/2018 - 12/2019   📍 Noida, India

- Having a good understanding of SQL, Informatica, Unix, and PL/SQL.
- Analyzing customer requirements and creating mappings accordingly.
- Validating and designing Informatica mappings and testing data.
- Designing mappings as per business logic for exchanging data with various upstream/downstream applications.
- Knowledge about data warehouse concepts and various schemas involved in transactional and dimensional databases.
- Creating mappings and working with various types of transformations like lookup (connected and unconnected), joiner, expression, filter, router, sorter, aggregator, normalizer, sequence generator, update strategy, and stored procedure transformations of Informatica PowerCenter using mapplets as templates.
- Developing new Informatica mappings based on requirements using Informatica PowerCenter 9.6 and 10.2.
- Modifying existing mappings based on new requirements to improve performance.

Technical Analyst

Flat World Technology (IBM - Contract)

📅 08/2016 - 03/2018   📍 Noida, India

- Managed telecom operations for Business Intelligence EIS unit with a $5M annual budget, ensuring 99.9% system availability.
- Conducted code enhancements, UAT testing, and monitored active Datastage jobs, implementing error handling and workarounds.
- Prepared and sent daily reports within SLA, while scheduling resources and performing ad hoc batch runs as needed.
- Executed database queries and updates for effective problem-solving and investigated job failures for escalation.
- Followed ticket creation processes using Remedy tool for immediate action on job failures and long-running jobs.
- Ensured batch job completion by adhering to checklist activities and creating tickets for unresolved issues.
- Facilitated efficient telecom operations by implementing critical workarounds and error-handling procedures.

EDUCATION

Bachelor of Engineering in Computer Science

Rajasthan Technical University

📅 09/2010 - 06/2014   📍 Jaipur, India

LANGUAGES

English
Fluent
●●●●●

Hindi
Native
●●●●●

German
Beginner
●○○○○

Spanish
Beginner
●○○○○

SKILLS

Azure Data Factory   Azure Synapse

SQL   Azure Storage

ETL/ELT Development   Databricks

Apache Spark   PySpark

DataWarehouse   Azure DevOps

Azure DevOps   Informatica

Performance Optimization   Reporting

Data Security (Key Vault)   CI/CD

CERTIFICATIONS

Certified Azure Data Fundamentals (DP-900)
Microsoft

Certified Azure Data Engineer (DP-203)
Microsoft

INTERESTS

Advancing Data-Driven Innovation

Driven by curiosity to explore cloud, big data, and AI technologies that fascinate me every time they surface in real-world conversations.

Mapping the Stars & Data Points

Whether it's galaxies or gigabytes, I love finding patterns in vast, beautiful chaos.

Meditating on SQL Joins

Because sometimes enlightenment comes from INNER Joins and not just inner peace.

FIND ME ONLINE

LinkedIn
https://www.linkedin.com/in/rahugurjar11

GitHub
/etl-kenobi