

Ritesh Ojha

Portfolio — LinkedIn — GitHub
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Professional Summary

Data Integration Engineer with 2+ years of experience in designing scalable ETL pipelines, data architectures, and enterprise analytics solutions using Snowflake, Microsoft Fabric, SQL, and Python. Strong expertise in API integrations, data modeling, workflow automation, and production data support across large-scale business systems. Experienced in handling Bronze-Silver architecture, optimizing large fact tables using PySpark, and ensuring high-quality data delivery through root cause analysis and debugging. Passionate about building robust, production-ready data platforms and enterprise integration solutions.

Work Experience

Associate Data Analytics Engineer Oct 2024 – Present
Nexasoft (ISA)

- Designed and maintained scalable data pipelines using Microsoft Fabric for enterprise analytics and reporting.
- Developed end-to-end Snowflake data architecture (Bronze & Silver layers) including transformations and data quality validations.
- Optimized large fact tables using PySpark partitioning techniques to improve query performance and reporting efficiency.
- Integrated multiple enterprise data sources including REST APIs, AWS S3, and SharePoint into centralized analytics systems.
- Built API-based ingestion pipelines and outbound data-sharing workflows for external platform integrations.
- Supported production deployment of reporting systems and resolved post-production data mismatches using RCA techniques.
- Automated hourly business data delivery using Power Automate, improving operational efficiency.
- Migrated BI solutions from Qlik to Power BI while ensuring data consistency and business continuity.
- Developed semantic models, implemented Row-Level Security (RLS), and optimized Power BI dashboards.

Tech Stack: Microsoft Fabric, Snowflake, SQL, Python (PySpark), REST APIs, Power BI, AWS S3, Power Automate, Postman

Data Analyst Jun 2024 – Oct 2024
Payal Sadani *Remote*

- Developed dynamic reporting dashboards using Google Sheets for business operations and decision-making.
- Automated recurring reporting workflows using Google Apps Script to reduce manual effort.
- Built structured data systems and delivered business insights using visualization and reporting tools.

Tech Stack: Google Sheets, App Script, Reporting Automation

Data Analyst Intern Jun 2023 – Jan 2024
Junior Robo *Remote*

- Built scalable data management systems improving accessibility and reporting efficiency.
- Automated data pipelines using JavaScript and Apps Script, increasing workflow efficiency by 80%.
- Performed data cleaning and preprocessing, reducing inconsistencies by 70%.
- Developed 8+ business automation workflows for communication and reporting.

Tech Stack: Google Sheets, Power BI, JavaScript, App Script, HTML/CSS

Education

B.Tech – Information Technology (Data Science) 2020 – 2024
Ajeenkya DY Patil University, Pune *GPA: 8.8 / 10*

Technical Skills

Languages: Python, SQL, JavaScript

Data Engineering: ETL Pipelines, Data Modeling, API Integration, Lakehouse Architecture, Data Validation

Big Data: Apache Spark, Airflow, Kafka

Cloud & Platforms: Microsoft Fabric, AWS (S3, Glue, Athena)

Databases: Snowflake, SQL Server, PostgreSQL

BI Tools: Power BI, Excel, Looker Studio

Other Tools: Git, GitHub Actions, DAX, Power Automate, Postman

Certifications

- AWS Academy Data Analytics
- Google Data Analytics – Coursera