

MAYANK KUMAR KHURMAI

DATA ENGINEER

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[LinkedIn](#)

SUMMARY

Certified Data Engineer with 3+ years of experience in Python, Spark, SQL, and cloud platforms (AWS, GCP, Azure). Skilled in building and implementing data models, data lake, data warehouse, ETL pipelines, automating workflows.

SKILLS

Programming Languages: Python, SQL, PHP

Databases: MySQL, PostgreSQL, Big Query, Redshift, Data Bricks, Duck DB

Tools: Apache Spark, DBT, Airflow, Docker

Cloud Platforms: AWS, GCP, Azure

Analytics: Data Vault, Data Modelling, Query Optimization

Familiar With: Kafka, Real-time data streaming, Power BI, QuickSight

WORK EXPERIENCE

Jun 2022 - Present

Data Engineer, LUMIQ

(Worked with 8+ leading BFSI clients, including major insurance firms, banks, and AMCs)

- Designed and implemented modern data pipelines and scalable data architectures (Data Lakehouses, Warehouses, Data Marts) on AWS (EC2, RDS, Redshift, EMR, Lambda), Azure, and GCP, reducing data retrieval time by 40% and enabling accurate sales, operations, and compliance reporting for BFSI clients.
- Built end-to-end Data Vault 2.0 models using DBT, PySpark, and SQL, enhancing data traceability and supporting business intelligence solutions for analytics and customer reporting.
- Automated dynamic data ingestion and reporting systems using Apache Airflow, Power BI, improving scalability, enabling self-service analytics, and achieving an 80% increase in data processing speed while reducing operational costs by 50%.
- Developed and deployed 20+ production-grade APIs with encrypted authentication and dynamic tokenization using Postman, ensuring robust security and operational monitoring.
- Built scalable changelog-based reporting solutions and metadata-driven pipelines for pipeline standardization and compliance-ready reporting across investment lifecycle flows.
- Implemented Spark SQL-based validation rules and reconciliation mechanisms on large transactional datasets, identifying data anomalies early and improving reliability of monthly BI reports.
- Optimized ETL pipelines across multiple data sources, ensuring high availability and consistency for real-time analytics, collaborating with data science and technology teams to support predictive modelling and customer insights.
- Led cross-functional project teams, coordinating with data science, engineering, and business stakeholders, while mentoring junior engineers to deliver high-quality projects on time.

EDUCATION

Ajay Kumar Garg Engineering College, Ghaziabad, UP (B. Tech, CSE)

2018-2022

WAP Institute (Advanced Diploma, Software Engineering)

2018-2021

CERTIFICATIONS

[AWS Certified Data Analytics – Specialty](#)

[Google Cloud Digital Leader](#)

[AWS Certified Cloud Practitioner](#)

[Google Associate Cloud Engineer](#)

[Certified Ethical Hacker \(CEHV11\)](#)

[AWS Solutions Architect – Associate](#)

[AWS Certified Developer – Associate](#)