Danveer Sharma

SDE III - Data Engineer

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SUMMARY

Data Engineer with **10 years of experience** building scalable data lake platforms, high-performance data pipelines, and Data-as-a-Service (DaaS) APIs. Expert in **Spark, Scala, Python, GCP, AWS, BigQuery, Airflow, DBT, SQL, FastAPI and distributed systems**. Proven success in **optimizing data infrastructure, reducing cloud costs,** and enabling data products to support apps used by **55M+ users**. Strong experience leading backend engineering teams, designing data models, and delivering production-grade systems in high-traffic environments.

EXPERIENCE

Role: SDE III
Company: Jio Star

Pune, India
08/2019 - Present

Leading company in providing digital and linear media content.

- Lead team of 5 backend engineers for scalable **data lake and DaaS API** solutions supporting dashboards, analytics, and consumer-facing applications.
- Designed and implemented **enterprise-wide data models** serving multiple verticals across the organization.
- Optimized complex SQL queries and ETL workflows, improving dashboard refresh latency by **60%**.
- Built event-driven data pipelines using GCP Cloud Functions for critical workflows, achieving **100%** automation.
- Managed and optimized viewership datasets containing data for **55M+** concurrent OTT users and **700M+** television viewers.
- Achieved **45% reduction in cloud costs** through data pipeline optimization and efficient resource utilization.
- Architected and deployed high-performance **FastAPI/GraphQL APIs**, improving data delivery SLAs by **70%**.
- **Tech stack:** Spark, Scala, Python, GCP, Airflow, Clickhouse, BigQuery, PostgreSQL, DBT, Redis, MCP, FastAPI, GraphQL, Azure, Docker, and Kubernetes

Role: Data Engineer
Compacny: Sterlite tech ltd

Pune, India
09/2018 - 08/2019

A tech company focused on telecom-data solutions.

- Designed and built Sterlite's proprietary data analytics platform.
- Created robust **batch and real-time pipelines** using Spark, Scala, SQL, Kafka, and HDFS.
- Delivered mission-critical telecom analytics **30+** use cases for enterprise clients.
- Reduced **80% data scan time** through enhanced data modeling and indexing strategies.
- Implemented **Monitoring Service Mesh** using Rollbar–Slack integration to improve operational observability.
- **Tech stack:** Spark, Scala, Kafka, MySQL, HDFS, Hive, HBase, Snowflake, Data modeling, Oozie, Superset, Tableau

Role: Data Engineer
Compacy: Infosys ltd

Pune, India
07/2015 - 09/2018

Global leader in consulting, technology and next-generation services.

- Modernized legacy ETL systems for a German banking client.
- Migrated Informatica workflows to **Spark–Scala–Hive**, improving performance by **80%**.
- Automated recurring processes using **Python and Shell scripting**, reducing SLAs by **40%**.
- Improved data quality through **advanced validation** and enrichment logic resulted **30%** reduction in bugs.
- **Tech stack:** Spark, Scala, Data warehousing, MySQL, HDFS, Hive and Informatica, AWS

EDUCATION

Bachelor of Technology
Vellore Institute of Technology

Vellore
08/2011 - 05/2015

LANGUAGES

English (Fluent)   Hindi (Native)

SKILLS

Apache Spark, Scala, Python, DBT, Airflow, Kafka, GCP, AWS, Azure, SQL, PostgreSQL, Snowflake, Clickhouse, BigQuery, Redshift, Databricks, Data Flow, Glue, Cloud Functions, Logic Apps, Dataproc, EMR, PubSub, GKE, S3, GCS, Docker, Kubernetes, MCP Server, GraphQL, FastAPI, Redis, RBAC, HDFS, Hive, HBase, Tableau, PowerBI, Superset, ELT, ETL, OLAP, Data Lake Architecture