

Ankit Sharma

Principal Data Engineer
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Professional Summary

Principal Data Engineer with 10+ years of experience architecting and governing large-scale data platforms supporting analytics, reporting, and strategic decision-making. Expert in defining data architecture standards, leading complex migrations, and ensuring platform reliability at scale. Strong blend of hands-on engineering and strategic leadership, with ownership of systems used by hundreds of business users.

Technical Expertise

- Languages: Python, Advanced SQL
- Cloud Platforms: AWS
- Data Warehousing: Redshift, Snowflake
- Orchestration: Apache Airflow
- Architecture: Data Lakes, Analytics Platforms
- Governance: Data Standards, Security
- Performance & Cost Optimization

Professional Experience

GlobalData Corp *Principal Data Engineer*

India
Mar 2019 – Present

- Architected and governed enterprise analytics platform serving **1000+ analysts and business users**
- Defined reference architectures for batch ingestion, transformation, and analytics consumption
- Led multi-year modernization program migrating legacy ETL systems to cloud-native pipelines
- Oversaw ingestion and processing of **3TB+ data daily** across multiple domains
- Implemented cost optimization strategies reducing annual cloud spend by **35%**
- Established data modeling, quality, and release standards adopted across engineering teams
- Mentored senior and lead data engineers, reviewing architecture designs and production changes
- Acted as escalation point for critical data incidents and platform reliability issues

DataAxis Technologies *Senior Data Engineer*

India
Jul 2014 – Feb 2019

- Designed and built batch ETL pipelines supporting executive dashboards
- Worked closely with stakeholders to translate reporting needs into data models
- Optimized warehouse queries and storage layouts for performance and scalability

Strategic Contributions

Enterprise Data Governance Framework

- Defined organization-wide data ownership and quality standards
- Improved trust and adoption of analytics platforms across teams

Education

Bachelor of Technology — Computer Science

2014