

LEAD DATA ENGINEER

Lead Data Engineer

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Summary

Highly motivated Data Engineer with 12+ years of experience in diverse industries, from finance to tech. Adept in Java, Python, and AWS, I excel at optimizing data pipelines, ensuring data integrity, and fostering cross-functional collaboration. Eager to learn from and contribute to S&P Global Market Intelligence's cutting-edge environment, applying my management, data analysis, and platform development skills to solve complex financial challenges.

Experience

Stripe

San Francisco

Lead Data Engineer

01/2017 - Present

- Scaled 3 BI & Data Warehousing teams efficiently: Optimized team structures and workflows to support a 20% increase in data ingestion volume and 15% reduction in time-to-insight.
- Championed operational excellence: Established standardized project management frameworks and system reliability measures, resulting in zero critical data outages for 6 consecutive quarters.
- Fostered data-driven culture: Built strong relationships with 24+ data scientists, PMs, and engineers, leading to 40% increase in data requests & utilization across product verticals.
- Spearheaded data infrastructure expansion: Delivered 4 new data models and pipelines on-time and on-budget, significantly improving data accessibility and analysis capabilities.
- Ensured data integrity as a core value: Maintained 99.99% data accuracy across all product verticals and related business areas, boosting trust in data-driven decisions.

Visa

San Francisco

Principal Data Engineer

01/2012 - 01/2017

- Championed robust data architecture: Built and maintained a secure, compliant, and automated data framework with automated ingestion, reducing manual tasks by 45%.
- Streamlined data pipelines for efficiency: Designed an AWS-powered infrastructure that optimized data extraction and transformation, improving data load speeds by 58%.
- Fostered data collaboration: Liaised with 19+ stakeholders across product, BI, and design teams, resolving data-related technical challenges, leading to a 30% increase in data utilization.
- Cultivated data expertise: Mentored 7 data engineers and 12+ engineers and business leaders in data management best practices, empowering them to drive data-driven decisions.

PayPal

San Francisco

Data Engineer

01/2010 - 01/2012

- Built 3 continuous data pipelines with fault-tolerant architecture
- Improved and maintained >37% of data infrastructures in AWS
- Transferred data and events between ATG and 6+ Data Partners
- Designed and documented 28+ table schemas

Strengths



Technical Leadership

Managed high-performing teams of 30+ resources as a direct line manager.



Problem Solving

Identified and resolved critical issues resulting in improved system performance by 30%.

Skills

Athena • AWS • data integrity • Data Quality • Data Warehousing • Java • lumen • Power BI • Python • RedShift • Scala • SQL

Education

University of California, Berkeley

Bachelor's of Science in Computer Engineering

2006 - 2010