

# Vikram Mehta

Senior Data Engineer

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## Professional Summary

Senior Data Engineer with 8+ years of experience designing and scaling enterprise-grade data platforms. Strong expertise in building reliable ETL pipelines, optimizing SQL-based data warehouses, and managing large-scale batch processing systems. Proven ability to translate complex business requirements into robust data models and analytics-ready datasets while ensuring data quality, performance, and cost efficiency.

## Technical Skills

- Languages: Python, SQL
- Data Warehousing: Snowflake, Redshift
- ETL: Airflow, Glue, Custom Python Frameworks
- Storage: S3, HDFS
- Modeling: Star & Snowflake Schemas
- Monitoring: Data Quality Checks, Alerts
- DevOps: Git, CI/CD

## Professional Experience

### Finlytics Pvt. Ltd.

*Senior Data Engineer*

Bangalore, India

Jan 2021 – Present

- Led development of centralized data warehouse supporting finance, risk, and compliance analytics
- Built scalable batch ETL pipelines processing **800GB+** data daily from transactional systems
- Designed dimensional models enabling faster reporting and ad-hoc analytics
- Reduced query latency by **40%** through SQL optimization and warehouse tuning
- Implemented data validation frameworks ensuring consistency across ingestion layers
- Collaborated with analysts to define KPIs and reporting logic
- Owned production pipelines including on-call support and incident resolution

### DataBridge Solutions

*Data Engineer*

Pune, India

Aug 2018 – Dec 2020

- Developed Python-based ETL jobs for ingesting data from APIs and RDBMS
- Automated workflows using Apache Airflow
- Supported BI dashboards by delivering clean, well-modeled datasets

## Key Projects

### Enterprise Financial Data Platform

- Consolidated finance data from multiple business units
- Enabled regulatory reporting and executive dashboards

## Education

Bachelor of Technology in Computer Science — 2018