Liu Wei

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# Professional Summary

Data Engineer specializing in distributed systems and real-time data pipelines. Adept at designing and managing large-scale ETL architectures using modern cloud tools.

# Experience

Senior Data Engineer, Streamlytics (Singapore) (2020–Present)

* Architected Databricks-based ETL pipelines processing 2TB of data daily with SLA uptime of 99.9%.
* Implemented Kafka topics for streaming ingestion and REST APIs for data retrieval.
* Created automated monitoring dashboards using Prometheus and Grafana.
* Collaborated cross-functionally to build scalable data governance workflows.

Data Engineer, QuantX (Beijing, CN) (2017–2020)

* Built Airflow DAGs for batch ingestion; reduced pipeline failures by 40%.
* Migrated legacy Hadoop workflows to Spark, improving runtime efficiency by 3x.

# Education

B.S. in Software Engineering, Tsinghua University (2016)

# Skills

Data Engineering, Spark, Airflow, Kafka, REST, Databricks, ETL, Hadoop, CI/CD, Monitoring