

Jordan Ellis

Social Platform Data Engineer

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✧ Summary

"Social Platform Data Engineer focused on privacy-aware social product analytics. Builds reliable data products with Flink, Kafka, Presto, Hive, Airflow, connects engineering decisions to measurable operations, and communicates clearly with cross-functional teams."

📁 Work Experience

- **Social Platform Data Engineer** Jan 2022 - Present
BlueOrbit Social • Menlo Park, CA
 - Designed Flink and Kafka pipelines for privacy-aware social product analytics at BlueOrbit Social; while partnering with product, platform, and finance leads, processing 380 million interactions daily, and raised on-time delivery from 92% to 99.6%.
 - Reworked Presto models and partitioning for the Privacy-Safe Experiment Layer warehouse; coordinated a 9-person engineering group, cutting median query time from 24 seconds to 4.1 seconds.
 - Instrumented schema, freshness, and lineage checks across 38 production tables for privacy-aware social product analytics; worked with 14 analysts, reducing data incidents by 63%.
 - Automated backfills, alerts, and runbooks around Hive jobs in Menlo Park, CA; supported 12 markets and saved 86 on-call hours per quarter.
- **Data Platform Engineer** Apr 2019 - Dec 2021
BlueOrbit Social Data Studio • Menlo Park, CA
 - Designed Flink and Kafka pipelines for privacy-aware social product analytics at BlueOrbit Social; with analysts, SREs, and domain owners across the delivery squad, processing 380 million interactions daily, and raised on-time delivery from 92% to 99.6%.
 - Reworked Presto models and partitioning for the Privacy-Safe Experiment Layer warehouse; coordinated a 6-person engineering group, cutting median query time from 24 seconds to 4.1 seconds.
 - Instrumented schema, freshness, and lineage checks across 38 production tables for privacy-aware social product analytics; worked with 5 application teams, reducing data incidents by 63%.
 - Automated backfills, alerts, and runbooks around Hive jobs in Menlo Park, CA; supported 4 business units and saved 86 on-call hours per quarter.



Projects

Privacy-Safe Experiment Layer

Built a governed data product for privacy-aware social product analytics, with documented ownership, tested transformations, and an analyst-ready serving layer.

Flink Kafka Presto Hive



Skills

Core stack

Flink

Kafka

Presto

Hive

Airflow

Delivery

Data modeling

Data quality

CI/CD

Observability

Documentation

Collaboration

Requirements workshops

Incident response

Mentoring

Agile delivery



Education

Stanford University

Bachelor of Engineering Computer Science and Data Systems

Sep 2015 - Jun 2019



Certifications

Confluent Certified Developer

Professional Training Board

May 2024

Data Reliability Workshop

Data Engineering Guild

Aug 2023



Languages

English • Native

Arabic • Professional working proficiency