

# GUS PHILLIPS

972-369-9603 | [Gusphillips66@gmail.com](mailto:Gusphillips66@gmail.com) |

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## PROFESSIONAL SUMMARY

Data Engineer with 5+ years of Fortune 500 experience building scalable data pipelines, analytics platforms, and automation solutions. Focused on bringing measurable value to organizations by applying modern data engineering practices, AI workflows, and LLM-enabled tools shaped by hands-on experience at Meta to improve efficiency, data reliability, and business decision-making.

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## PROFESSIONAL EXPERIENCE

### Data Engineer

July 2025 - Present

Meta (Contractor) | Remote

- Delivered \$265K+ in annualized cost savings across 6 finance automation projects, saving 870+ FTE hours/year during critical month-end close periods by replacing manual workflows with parameterized query development and automated data pipelines.
- Automated management of \$1.5B in disputed AR by engineering Python-based notification pipelines for 33K+ annual invoice disputes, using AI-enhanced workflow tooling to improve escalation accuracy and reduce approval delays.
- Built automated DataSwarm pipelines, Meta's Airflow-based orchestration system, to connect finance data sources, standardize data flows, and replace manual reporting workflows across payroll, tax, AR, and compliance processes.
- Enforced data quality, consistency, and governance across multiple different systems, scheduled monitoring agents, and semantic model standardization to ensure single-source-of-truth reporting.
- Built two production AI agents for the finance engineering team: one automating process documentation generation and one enforcing workflow standardization, reducing onboarding overhead and improving team consistency

### Sr. Data Engineer - Finance Analytics - Facilities Analytics

August 2022 – July 2025

Northrop Grumman | Remote

- Engineered scalable data flows and governed data models supporting Finance, HR, Supply Chain, and Facilities analytics, preparing trusted enterprise data for reporting, automation, and AI/ML use cases.
- Led migration of legacy analytics pipelines to Databricks, improving query performance, scalability, governance, and maintainability for high-volume enterprise workloads.
- Partnered with AI/ML, UX, and Systems Engineering teams to aggregate data from project management tools, financial systems, and operational databases into governed semantic models, delivering actionable reporting solutions across the enterprise.

### Systems Engineer- Deployment Support Team / F-35 Operation Center

November 2019 - July 2022

Lockheed Martin | Fort Worth, TX

- Supported Lockheed Martin F-35 supply chain and logistics data operations by building Python and SQL ETL automation for structured and semi-structured JSON/XML data from operational source systems.
- Implemented data quality validation and monitoring frameworks that improved reliability and consistency of supply chain, logistics, and operational readiness reporting through Tableau dashboards.
- Collaborated with engineering, operations, deployment support, and logistics stakeholders through daily stand ups to troubleshoot data issues, asset arrivals, and supply chain processes.

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## EDUCATION

### Master of Science in Business Analytics

August 2022

University of Texas at Dallas

### Bachelor of Science in International Economics

August 2016

Texas Tech University

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## TECHNICAL SKILLS

**AI/ML & GenAI:** LLMs, RAG architecture, GenAI solutions, AI agents, prompt engineering, LLM tool/function integration, neural networks, NLP, TensorFlow, PyTorch, model evaluation, AI workflow monitoring

**Programming & Data Analysis:** Python, R, SQL, Pandas, NumPy, PySpark, T-SQL, MySQL, Hive, JSON/XML

**ETL/ELT & Orchestration:** DataSwarm, Apache Airflow, Databricks, Alteryx, SSIS

**Cloud & Data Platforms:** Databricks, Snowflake, data lake architecture, governed data models, semantic models

**Domains:** Supply chain analytics, logistics data, procurement/sourcing-adjacent finance workflows, SAFe/Agile, program/project management