Alejandro D. Ramos
Data Engineer | Data Architect
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PROFESSIONAL SUMMARY

Senior **Data Engineer & Architect** with **20+ years of experience** designing, building, and optimizing **Big Data** and **Cloud-based** infrastructures. **Founder & Principal Consultant at DAR Analytics (Founded by me in 2021 as a requirement for Consumer Affairs)**, operating under **C2C (Corp-to-Corp)**, providing **data engineering, architecture, and AI/ML solutions** to startups and enterprises.

Expert in **AWS, GCP, Azure**, **real-time data streaming (Kafka, Kinesis, Flink, Spark)**, **ETL pipelines**, and **high-performance databases**. Proven ability to design and scale **modern data architectures** while ensuring performance, reliability, and security.

CORE SKILLS & TECHNOLOGIES

✅ **Data Engineering & Architecture**: Cloud-based data platforms, ETL/ELT pipelines, Data Warehousing (Snowflake, Redshift, BigQuery), Data Lakes, Event-driven architectures.
✅ **Big Data & Streaming**: Kafka, Spark, Flink, KSQLDB, Airflow, Confluent, Apache Beam.
✅ **Cloud & DevOps**: AWS (Lambda, Glue, S3, RDS, EMR), GCP (BigQuery, DataFlow), Azure (Synapse, Data Factory).
✅ **Databases & Storage**: PostgreSQL, MySQL, MongoDB, DynamoDB, Elasticsearch, OpenSearch.
✅ **Machine Learning & AI**: NLP, TensorFlow, MLflow, Data Science Pipelines.
✅ **Infrastructure as Code (IaC)**: Terraform, Kubernetes, Docker, CI/CD (GitHub Actions, CircleCI).

EXPERIENCE

Founder & Principal Consultant – DAR Analytics 📍 **Miami, FL | Remote | 2023 - Present**

- Provide **C2C consulting services** for **data engineering, cloud architecture, and AI solutions** to clients in **fintech, SaaS, and technology startups**.
- **Designed scalable data pipelines** using **Kafka, Spark, and Flink** to support real-time analytics and event-driven architectures.

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