



# ARCHETYPE CORE

AUDIT-READY AI & DATA INFRASTRUCTURE

For Federal and Regulated Environments

contracts@archetypecore.com | archetypecore.com | linkedin.com/company/archetypecore

## CAPABILITY STATEMENT

### CORE COMPETENCIES

- Cloud Data Platform Architecture
- ETL / ELT Pipeline Design & Orchestration
- Audit Trail Architecture & Decision Lineage
- Infrastructure as Code & Cloud Migration
- RAG & AI Infrastructure Design
- Data Governance & Compliance Frameworks
- AI Observability & Traceability Systems
- Data Quality Monitoring & Alerting

### DIFFERENTIATORS

#### Audit-Ready by Design

Systems built with traceability, citation provenance, and reproducibility from day one.

#### Federal Data Experience

8+ years supporting data infrastructure in audit-sensitive federal environments.

#### Production AI

Working RAG systems with deterministic outputs, source citations, and full decision lineage.

#### Governance-First

Architecture decisions designed for compliance, auditability, and operational review.

### RELEVANT EXPERIENCE

#### Federal Data Infrastructure

8+ years supporting federal eligibility, case processing, reporting, governance, and audit-sensitive data workflows.

#### Audit-Ready RAG System

Retrieval-augmented generation over federal policy documents using AWS Bedrock (Claude Sonnet), Amazon Titan embeddings, PostgreSQL/pgvector, and FastAPI — with cited answers, deterministic behavior, full audit trail, and decision lineage.

#### AI Governance ETL Pipeline

Batch-scale pipeline for AI-processed data using Airflow and Databricks, with immutable audit trails, quality gates, and cost-per-run tracking.

### COMPANY DATA

#### LEGAL NAME

**Lungu Holdings, LLC DBA Archetype Core**

#### UEI

**WBQJP6JPZFA3**

#### CAGE CODE

**20R49**

#### SAM.GOV STATUS

**Active / Registered**

#### NAICS CODES

**541512 (Primary) · 541511 · 518210**

#### BUSINESS SIZE

**Small Business**

#### FOUNDED

**2024**

#### LOCATION

**United States**

### CERTIFICATIONS

- AWS Solutions Architect Professional
- CompTIA Security+
- Microsoft Azure Fundamentals (AZ-900)

### INDUSTRIES SERVED

- Federal Government
- Healthcare & Compliance
- Financial Services
- Legal & Legal Tech

### FOUNDER

#### Mariana Lungu

Data architect with 8+ years supporting federal data systems. Specializes in traceable AI, governed pipelines, and audit-ready infrastructure for regulated environments.