ENTERPRISE AI ARCHITECTURE PLAYBOOK

Private RAG, Multimodal Agents & Cloud Governance

01. Isolated Vector Indexing & Zero Third-Party Data Leakage

02. Citation-Verified Document Intelligence Across PDFs & Contracts

03. Sub-Second Multimodal Orchestration with Role-Based Access Control

04. Production Telemetry, Guardrails & Human-in-the-Loop Approval

REFERENCE DEPLOYMENT BLUEPRINT

TechWolves Applied AI Lab • Colombo, Sri Lanka

- Ingestion Tier: Automated OCR, Semantic Chunking & Metadata Tagging
- Reasoning Tier: Private Cloud LLM / Multimodal Agent Router
- Security Tier: OAuth2 / OIDC Permission Inheritance & Audit Logs
- Delivery Tier: Web Portal, Mobile SDK & WhatsApp Business API