ALI DADO

SOLUTIONS ARCHITECT | ENTERPRISE AI & AGENTIC SYSTEMS

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PROFESSIONAL SUMMARY

Solutions Architect with 15+ years designing distributed applications, cloud platforms, and enterprise integrations, including 6+ years at Domino's. Hands-on with generative AI, agent workflows, retrieval-augmented generation (RAG), and self-hosted model infrastructure, including an integrated organizational knowledge hub built for Medina Labs. Combines Azure/AKS production architecture, API-first integration, identity/security, observability, and cost optimization with the ability to turn ambiguous business needs into reusable reference patterns and working prototypes. Experienced technical lead and mentor in high-volume retail/eCommerce systems.

CORE ARCHITECTURE CAPABILITIES

AI & agents: RAG/enterprise knowledge search, multi-source ingestion, embeddings/vector retrieval, LLM applications, LangChain/LangGraph, tool calling, n8n orchestration, self-hosted inference (Ollama/Open WebUI), MCP concepts.

Enterprise platforms: Azure, AKS, Kubernetes, Helm, FluxCD/GitOps, Terraform, Docker, CI/CD, microservices, distributed systems, event-driven messaging, platform standardization.

Integration & trust: REST/API-first design, OAuth2/OIDC, JWT/JWKS, PingFederate, API authorization, messaging, SQL/Couchbase, monitoring, deployment governance.

PROFESSIONAL EXPERIENCE

Solutions Architect | Domino's

Dec 2025 – Present

- Shape target-state architecture and implementation patterns for retail services, aligning engineering, cloud, security, and solution-architecture teams on scalable Azure-native designs.
- Define reusable integration, configuration, API-versioning, ingress, and GitOps deployment patterns that reduce friction across service teams and standardize production delivery.
- Assess cross-service performance, resiliency, identity, and operating-cost trade-offs; document technical choices and support architecture reviews with engineering stakeholders.

Senior Software Engineer Specialist | Domino's

Jan 2020 – Dec 2025

- Led modernization of retail microservices from VM/on-premises hosting to Azure Kubernetes Service, delivering scalable deployments and significant infrastructure savings.
- Designed service-level standards for environment-based configuration, Helm/FluxCD delivery, API routing, health checks, and production operations across the platform.
- Built and supported high-volume Java/Spring Boot APIs and event-driven integrations using ActiveMQ/JMS, Couchbase, SQL Server, and Hazelcast; investigated end-to-end reliability and latency issues.
- Modernized authentication and authorization patterns using Spring Security, OAuth2/OIDC, JWT, and enterprise identity providers; collaborated with SRE and platform teams on secure production rollouts.
- Mentored engineers and partnered with product, cloud, and operations groups to translate requirements into working services, observability improvements, and reliable releases.

EARLIER EXPERIENCE

Technical Team Lead | Socialgist (Effyis)

Oct 2016 – Jan 2020

- Led full-stack delivery of cloud-hosted data products and customer-facing applications using React/Redux, Node.js, APIs, and data-ingestion services.
- Introduced Kubernetes-based deployment and Terraform infrastructure patterns across AWS/Azure to improve reproducibility, scalability, and operations.
- Developed real-time monitoring, logging, and analytics capabilities for high-volume external data integrations; guided engineers and cross-functional delivery.

Senior GIS Developer | UtilNet

Jul 2011 – Oct 2016

- Engineered Python/JavaScript geospatial services, analytics dashboards, and cloud-based data workflows; translated complex operational requirements into usable decision-support applications.

APPLIED AI & COMMUNITY PROJECTS

Onyx — Central AI Knowledge Hub | Medina Labs

- Architected and built Onyx as Medina Labs' central organizational knowledge system: a RAG-powered "brain" that brings together meeting content, team chats, WhatsApp conversations, and website information in one unified knowledge base.
- Connected fragmented communication and content sources to make institutional knowledge searchable through natural-language questions and contextual retrieval, establishing a reusable foundation for future AI agents and automations.

Agentic AI and workflow assistants | Medina Labs / DadoLabz: Designed and prototyped LLM-powered WhatsApp and knowledge workflows using n8n, Supabase/vector retrieval, LangChain/LangGraph, and external APIs for summaries, Q&A, task extraction, and contextual tool actions.

Self-hosted AI serving environment: Built and operated a GPU-backed local AI stack with Ollama, Open WebUI, Docker/Kubernetes, OIDC, and private access patterns; explored model selection, latency, infrastructure cost, and deployment trade-offs.

AI integration exploration: Explored MCP servers, AI-assisted engineering workflows, and secure agent-to-system integrations alongside traditional REST APIs, weighing permissions, authentication, reusable tool contracts, and ongoing operational cost.

Reference-pattern mindset: Translate proof-of-concept learnings into architecture options for repeatable deployment, access control, observability, and human oversight instead of building isolated one-off automations.

TECHNICAL LEADERSHIP & COMMUNITY

Co-founder of Medina Labs, a Canton-based community innovation and maker initiative. Organize practical technical workshops and share hands-on AI automation, self-hosted LLM, and enterprise agent concepts with developers and founders. Experienced team lead who mentors engineers, reviews designs, and communicates complex architecture trade-offs to mixed audiences.

CERTIFICATIONS

Agents in Production: Building Enterprise AI Agents — Workshop Series | Medina Labs | Sep 2026 | ID: ML-2026-PFSQ5KK2 | Verify

Microsoft Certified: Azure AI Fundamentals | Microsoft | Jul 2026 | ID: 85C11D9156A2C8BC

Microsoft Certified: Azure Fundamentals | Microsoft | 2023

Certified Kubernetes Application Developer (CKAD) | CNCF | 2019

EDUCATION

Bachelor's Degree, Computer Information Systems | University of Jordan | 2003 – 2007