

Reda Ghareeb

CTO | Enterprise Architect | Digital Transformation, Product & Operations Leader

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PROFESSIONAL SUMMARY

Technology leader, AI advisor and AI orchestrator with 20 years in technology, the last fifteen with Saudi government, higher-education and healthcare organisations, across the full digital transformation lifecycle: strategy and roadmap, enterprise and solution architecture, programme delivery, and the operations that run what was delivered. Owns products end to end at Dolf Technologies, from AI direction and platform architecture to roadmap and go-to-market, and ran a university service management office: service catalogues, SLAs and the handover of projects into operations. Progressed from software engineering through team leadership, solution architecture, project and service delivery management to enterprise architecture and CTO, managing more than 10 major projects along the way. TOGAF® 9 Certified and PMP® Certified.

CORE COMPETENCIES

Strategy & Architecture

- Digital transformation strategy & roadmaps
- Enterprise architecture (TOGAF ADM, NORA)
- Baseline / target architecture & gap analysis
- Build vs buy & capability assessment
- AI strategy & architecture (RAG, local LLMs)

Product & Delivery

- End-to-end product ownership & roadmaps
- Solution design (HLD / LLD), cloud, HA/DR, CI/CD
- Programme & project management (PMP, Agile)
- RFPs, technical proposals & bid/no-bid
- Vendor evaluation & technical committees

Operations & Governance

- Technology unit & operating-model leadership
- IT service management: catalogues, SLAs, handover
- PMO methodology, portfolio status & risk
- Cybersecurity policy (NCA ECC) & IT governance
- Budgeting, business cases & cost analysis

CAREER HIGHLIGHTS

- **Full DT lifecycle:** took a university from no enterprise architecture to a committee-approved digital transformation roadmap in five months, then served on the committee for its 2022–2025 strategic plan.
- **Product end to end:** own the architecture, platform stack and roadmap of Dolf's products (Naahel e-learning, an enterprise RAG platform, Qiyasy) and the AI direction behind them under the 2026 strategy.
- **Operations:** ran a university service management office: service catalogues, business cases, the data-centre maintenance SLA, and moving completed projects into operations.
- **Delivery:** managed more than 10 major projects, including National Transformation Program initiatives across IT, civil works, e-content and a campus fit-out.

PROFESSIONAL EXPERIENCE

Chief Technology Officer (CTO)

Dec 2021 – Present

Dolf Technologies | Saudi Arabia

Progression: Business / Enterprise Architect (2021) → Head of Software & DT Solutions (2023) → CTO (2025)

- **CTO (2025 – present):** Set technology and AI direction under the company's 2026 strategy, which assigns me AI across operations, IT opportunities and product go-to-market; make the bid/no-bid and risk calls on government tenders.
- **CTO, products:** Own Dolf's products end to end (Naahel e-learning, an enterprise RAG platform, Qiyasy): platform architecture and stack (React, GraphQL, PostgreSQL, Redis, WAF/CDN), the product roadmap and the AI-enablement blueprint.
- **CTO, operations:** Run the technology operating model: own analysis and architecture, supervise infrastructure and technical support, and led the company's cybersecurity policy, aligned with the NCA Essential Cybersecurity Controls (ECC).
- **Head of Software & DT Solutions (2023 – 2025):** Led the software and digital transformation solutions unit and designed its senior-management roles; wrote the HLD and LLD for the Ministry of Human Resources (HRSD) Training Management System and the Naahel platform architecture (HA/DR, CI/CD, API gateway).
- **Head of Software & DT Solutions:** Took government client projects from scope and business case through delivery to closure.

- **Business / Enterprise Architect (2021 – 2023):** Ran as-is/to-be and gap analysis for government clients, starting with the Financial Academy, and set the company's TOGAF ADM practice and documentation standards.
- **All roles:** Authored or co-authored technical proposals for government and enterprise tenders (SDB, RCJY, SDAIA, SWA, Madinah Region Emirate); named key architect in submitted team CVs.

Enterprise Architect

Nov 2020 – Nov 2021

Northern Borders University (NBU) | Saudi Arabia

- Produced the university's business, application, technology and data architecture (as-is and to-be) and the gap analysis between them, submitted as evidence for the national Qiyas digital transformation assessment.
- Built the Digital Transformation Roadmap, approved by the university's e-transactions committee in March 2021, and served on the committee that prepared the Digital Transformation Strategic Plan 2022–2025.
- Wrote the approved EA project charter and the proposal that led to the establishment of the university's EA Office; contributed to the IT Deanship's strategic and operational plans.
- Set the PMO methodology and policies, the open-source adoption roadmap (piloted with Yesser) and build-vs-buy assessments for the analytics and ERP systems.
- Wrote RFPs with their evaluation criteria, and the technical evaluation of vendor bids.

Prince Sattam Bin Abdulaziz University (formerly Salman Bin Abdulaziz University)

Nov 2011 – Oct 2020

IT & Distance Learning Deanship, employed by Al-Moammar Information Systems (MIS) | Saudi Arabia

Progression: Team Leader (2011) → Solution Architect (2016) → Project Manager (2017) → Service Delivery Manager (2019) → Enterprise Architect (2020)

- **Enterprise Architect (2020):** Re-engineered the deanship's work processes, compared more than six archiving products and ran a pilot to make the build-vs-buy call, and evaluated the analytics environment.
- **Service Delivery Manager (2019 – 2020):** Ran the deanship's service management office: defined services, built the service catalogues and business cases for e-learning and hospital services, negotiated and monitored the data-centre maintenance SLA, and moved completed projects into operations.
- **Project Manager (2017 – 2020):** Managed National Transformation Program initiatives: the Digital Media Production Centre (IT, civil and fire-system works), e-course development with Naseej (completed and signed off), virtual desktop labs across 21 labs and the IT fit-out of the Wadi Aldawasir smart-learning campus.
- **Project Manager:** Kept the portfolio status, budgets, risks and SLAs; wrote RFPs for academic systems, e-learning and IT operations and maintenance; sat on technical committees evaluating vendor bids.
- **Solution Architect (2016 – 2017):** Assigned project manager and solution architect for the university hospital's systems: assessed the current state, compared commercial and open-source HIS options, and wrote the HIS and PACS specifications and tender documents.
- **Team Leader, Portal Development (2011 – 2016):** Led the team that rebuilt the university portal and built the faculty-websites system, later nominated for a university achievement award; ran the team with Redmine and weekly planning (Agile/Scrum practices).

Senior Developer

2010 – 2011

elCinema.com – Damlag Co. | Egypt

- Developed and enhanced PHP, Ruby on Rails and Python web applications for the elCinema.com film portal.

Software Developer

2006 – 2007

e-motion agency | Egypt

- Built websites in PHP, HTML, CSS and JavaScript.

CERTIFICATIONS & EDUCATION

TOGAF® 9 Certified (OGO-093, Parts 1 & 2) | The Open Group

Nov 2021

Project Management Professional (PMP®) | PMI

Dec 2015, active to 2027

B.Sc. in Computer Science | Faculty of Computers and Informatics, Zagazig University, Egypt

2005

Training: Microsoft Azure Architect Technologies, AZ-303 (2020) • Agile & Scrum Project Management (2016)

TECHNICAL SKILLS

Architecture & tools: TOGAF, NORA, ArchiMate, Sparx EA, Microsoft Visio, UML, SOA, MVC

Delivery: PMP, Agile/Scrum, JIRA, Redmine, Microsoft Project, Git

Cloud & platforms: Microsoft Azure, Docker, DevOps, Linux (RHEL, CentOS, Ubuntu), Apache, Nginx

Data: MySQL, MariaDB, Oracle, SQL Server; complex SQL design and optimisation

Development: PHP (Laravel, CodeIgniter), Python, Ruby on Rails, REST/SOAP APIs, JavaScript, C#, Java

Published talks (YouTube): Digital Transformation – KSA KPIs • Organisation Digital Transformation Strategy for Universities • Archiving Solutions – Concepts & Applications **Languages:** Arabic (native) • English (fluent)