Elsayed Bondok

Enterprise Architect & Digital Transformation Leader

Makkah, Saudi Arabia | +966504509996 | sbondok@gmail.com |
https://www.linkedin.com/in/sbondok/

Executive Summary

A results-driven Enterprise Architect and Digital Transformation Leader with over 30 years of experience shaping and executing technology strategy for large-scale organizations. Proven track record of managing multi-million dollar project portfolios, leading cross-functional teams of up to 60 professionals, and delivering measurable improvements in efficiency, customer satisfaction, and cost savings. Combines a strategic foundation in TOGAF, ITIL, and PMP with current, hands-on expertise in cloud-native technologies, AI-driven solutions, DevOps methodologies, and CI/CD pipeline automation to bridge the gap between executive vision and technical implementation.

Core Technical Competencies

Category	Technologies & Methodologies
AI & Automation	**Retrieval-Augmented Generation (RAG), Vector Databases (Pinecone), n8n, AI Assistants**
Cloud & DevOps	Jenkins, Ansible, GitLab CI, GitHub, Infrastructure as Code (IaC), CI/CD Pipeline Automation, N8N
Containerization & Virtualization	Kubernetes (K8s), Docker, Proxmox VE, VMware vSphere
Infrastructure & Security	Network Architecture & Design, F5 (LTM), Cisco, Network Security, Firewall Configuration, IP Telephony
Enterprise Architecture & IT Governance	TOGAF 9.2, ITIL, COBIT, Strategic Planning, Business Process Optimization, IT Governance
Databases & Programming	MySQL, PostgreSQL, SQL, Python, Java
Project Management	Project Management Professional (PMP)®, Microsoft Project, Agile Methodologies, Servant Leadership

Recent Technical Projects & GitLab Portfolio

https://www.gitlab.com/sbondok

A curated selection of personal projects demonstrating hands-on expertise in modern DevOps and Cloud-Native practices.

- **AI-Powered Enterprise Knowledge Assistant (HR Bot)**
    - Architected and deployed an AI-powered assistant for an HR department, utilizing a **Retrieval-Augmented Generation (RAG)** model to provide instant, accurate answers from a secure corporate knowledge base.
    - Engineered the solution on the **n8n automation platform**, integrating with a **Pinecone vector database** to ingest and index sensitive HR policies, financial rules, and employee guidelines from PDF documents.
    - **Key Outcomes:** Freed up significant time for HR/Finance teams, provided employees with 24/7 access to complex policy information, and delivered an intuitive dashboard for leadership to monitor inquiry trends and identify knowledge gaps.

- **CI/CD Pipeline Automation (Jenkins & Maven)**
    - Architected a complete Jenkins pipeline to automate the checkout, build (Maven), and versioned Docker image creation for a Java application, pushing the final artifact to Docker Hub.
    - *GitLab Repo:* `sbondok/maven-app`
- **Dynamic Versioning in CI/CD**
    - Engineered a Jenkins pipeline stage that dynamically increments application versions (e.g., in `pom.xml`), commits the change back to Git, and pushes the update without triggering a recursive pipeline build.
    - *GitLab Repo:* `sbondok/dynamically-incrementing-application-version-in-a-jenkins-pipeline`
- **Kubernetes Application Deployment (MongoDB & Mongo Express)**
    - Designed and documented the end-to-end deployment of a multi-component web application on Kubernetes, utilizing best practices for ConfigMaps, Secrets, and inter-service communication.
    - *GitLab Repo:* `sbondok/deploying-a-mongodb-mongo-express-application-on-kubernetes`
- **Kubernetes Networking & Data Persistence**
    - Authored technical guides on core Kubernetes concepts, including architecting Ingress for application routing and implementing data persistence using PersistentVolumes, Claims, and StorageClasses.
    - *GitLab Repos:* `sbondok/kubernetes-ingress, sbondok/volumes-persisting-application-data`

Professional Experience

DIGITAL TRANSFORMATION CONSULTANT | Aldaleel for IT services, Jeddah | 2021 - 2022

- Architected a comprehensive digital transformation roadmap for the Emirate of Najran, delivering a compelling strategy presentation to the prince and top management.
- Led and mentored a team of 10 professionals, providing strategic guidance to optimize resource utilization and adopt emerging technologies.
- Conducted process evaluations and developed improvement plans, producing detailed reports that directly informed critical business decisions.

STRATEGIC BUSINESS CONSULTANT | TYPSA "Técnica Y Proyectos, S. A.", Riyadh | 2018 - 2020

- Engineered and implemented process improvements for Aljouf University, optimizing procedures to enhance organizational efficiency and culture.
- Spearheaded the integration of master data across stakeholder systems, delivering a fully unified HR, finance, and student information system (SIS) for 3,000 employees and 25,000 students.
- Leveraged performance data and on-site analysis to evaluate operations, forecast business needs, and drive strategic growth initiatives.

SENIOR DIGITAL TRANSFORMATION MANAGER | Aljouf University, Aljouf | 2012 - 2018

- **Served as the primary IT consultant and strategic advisor to the University Rector**, shaping technology policy and aligning IT initiatives with the university's long-term vision
- Directed a team of 60 IT professionals, managing a portfolio of digital transformation projects valued at over **$30 million**.
- Boosted customer satisfaction by **60%** across students, staff, and the community by architecting and deploying key systems including a new CRM, a paperless transaction system (TYSEER), and private cloud solutions.
- Oversaw the successful implementation of critical infrastructure projects, including an IP telephony system (1500 extensions), a virtual desktop infrastructure (3500 units), and a containerized backup solution across three campuses.
- Established the university's Enterprise Architecture and IT Governance department from the ground up.

IT TECHNOLOGY SENIOR CONSULTANT | Najran University, Najran | 2007 - 2012

- Led the execution of digital transformation projects valued at **$20 million**, managing a team of 20 IT professionals and achieving a **65%** increase in stakeholder satisfaction.
- Architected and implemented the university's IT policies, disaster recovery plans, and a comprehensive Service Level Agreement (SLA) for all IT operations.
- Directed the successful technical and administrative separation of Najran University from its parent institution, making it the first of ten new universities to achieve full autonomy.

ITC SUPERVISOR | Umm Alqura University, Mecca | 2007

- Managed network, security, and operating system departments, leading a team of 20 IT professionals.
- Pioneered the university's transition from a mainframe architecture, delivering a technical and financial analysis that resulted in **10 million SAR in annual savings**.
- Engineered a secure internet/intranet solution using open-source technologies, saving the university **200K SAR annually**.

Key Career Achievements

- **Digital Library Initiative (UQU):** My Master's dissertation on deploying open-source solutions in government led to the development of a DSpace-based digital library. The project was successfully deployed at UQU and won the award for the **best university digital solution in 2007**.
- **Technical Excellence Award (Aljouf):** Proposed and managed transformation projects that resulted in Aljouf University receiving the prestigious Technical Excellence Award from the "Yesser" e-government program (2013 - 2015).
- **BI & Data Cleansing (Aljouf):** Managed a database cleansing and business intelligence project using QlikView/QlikSense that empowered top management to resolve dozens of critical operational issues.

Education & Certifications

- **Master of Science: Information Technology** | Liverpool University, UK
- **Project Management Professional (PMP)®** | 2022
- **DevOps Professional** | 2025
- **TOGAF 9.2 Certified** | 2018
- **TOGAF Business Architecture** | 2019
- **Digital Business Transformation Management** | 2023
- **ITIL Foundation** | 2017
- **COBIT Foundation** | 2012
- **MCSE, CCNA, CNE**