

# Diab Alsuham

Digital Transformation Leader | AI Systems Architect

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Builder of intelligent business systems. From strategy to architecture to production code. 12+ years transforming operations through AI-augmented development, ERP implementation, and decision intelligence platforms that teams actually use.

## Professional Experience

### Co-Founder | Head of Technology & Support

Gaiat Facility Solutions

Jeddah, Saudi Arabia | November 2020 – Present

Co-founded and scaled B2B procurement platform to SAR 50M+ revenue over 4.8 years. Enabled Operations, Logistics, Supply Chain, and Sales (50 employees across 4 departments) through technology strategy and hands-on delivery. Coordinated external developers while personally building operational intelligence infrastructure. Also leading technology for Corp Cafe, a 3-branch cafe operation.

- ▶ **Built complete data pipeline** – 56K+ lines of production code powering 20+ live systems. Reduced processing from 5 min to 30 sec with auto-deployment.
- ▶ **Designed Chronos** – Decision intelligence platform with 7 integrated modes, real-time anomaly detection, WHY-based insights. Used daily by leadership for operations and expansion planning.
- ▶ **Implemented Odoo ERP** – Phantom BOMs for 48 products, automated journal entries, custom UoM categories, rule-based POS with credit tracking.
- ▶ **Created AI-augmented workflow** – Building production software with AI as development partner. 70+ documented patterns.
- ▶ **Deployed live dashboards** – Real-time workstations on cloud platforms with ERP API integration. Remote-triggered CI/CD pipeline.
- ▶ **Built 20+ Power BI dashboards** – Advanced DAX, SLA logic, collection priority scoring. 90% reduction in reporting time.

### Process Management Analyst

Saudi Air Navigation Services (SANS)

February 2019 – October 2020

- ▶ Managed portfolio of 70+ national infrastructure projects using custom KPI dashboards
- ▶ Developed automation tools for reporting and project monitoring
- ▶ Enhanced ERP usability through custom views and streamlined workflows

## How I Work

### Full-Stack Builder

Strategy → Architecture → Code → Production

### AI-Augmented Dev

Building with AI as development partner

### Systems Thinker

Scalable solutions teams actually adopt

### Bilingual

English & Arabic professional fluency

## Core Skills

### AI-Augmented Development

Python

SQL

JavaScript

API Integration

Data Pipelines

### Business Intelligence

Power BI

DAX

KPI Frameworks

Forecasting

Executive Dashboards

### Enterprise Systems

ERP (Odoo)

Process Automation

Operational Analytics

## Education

### MBA

Asia Metropolitan University

2016–2017 | GPA: 3.92/4 – First Class Honors

### B.Sc. Management Information Systems

Yanbu University College

2007–2012 | GPA: 3.0/4

## Strategy & Planning Executive

### HANCO Automotive

November 2017 – January 2019

- ▶ Built performance dashboards for finance and collections teams
- ▶ Conducted strategic benchmarking and process improvement initiatives
- ▶ Enhanced ERP reporting and data-driven decision frameworks

## Administration Manager (Consultant)

### Parsons Corporation

February 2013 – February 2016

- ▶ Led administrative systems for SAR 619M government housing project
- ▶ Built automated tracking and KPI systems using MS Access and Excel
- ▶ Supported project governance through documentation and cross-team alignment

## Key Technical Projects

### Chronos – Decision Intelligence System

Decision intelligence platform with 7 modes, real-time anomaly detection, dynamic baselines. Interactive modules for financial simulation and scenario modeling.

*Python, JavaScript, templating engine*

### Unified Data Pipeline

End-to-end automation pipeline powering 20+ live systems. Auto-fetch from cloud, multi-destination deployment. 10x faster than legacy Excel process.

*Python, pandas, automated CI/CD*

### Live Operational Workstations

Real-time dashboards on cloud platforms with ERP API integration. FIFO tracking, automated forecasting, remote-triggered deployments.

*Serverless API, ERP integration, desktop packaging*

### Strategic BI Infrastructure

20+ Power BI dashboards with Dataflows, advanced DAX, SLA logic, collection priority scoring. 90% reduction in reporting time.

*Power BI, DAX, Dataflows, Power Query*

## English for Academic Purposes

### Texas Intensive English Program

2012–2013 | TOEFL iBT: 102/120

## Certifications

- AI-Augmented Software Development (2022–Present) – Production systems built with AI
- Quality Management & Process Optimization (Parsons, IACET, 2015)

### Portfolio



diab-alsuhaim.surge.sh