

SALAHADEEN MOSAED ALMONTASER

Software Engineer | Full Stack & ERP (Odoo) Developer

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PROFESSIONAL SUMMARY

Software Engineer with 6+ years of experience analyzing, building and deploying business systems. Currently part of the IT department at SAMA QARIATI, customizing Odoo ERP and delivering in-house platforms that have been running in daily production for about a year: a purchase-request oversight and approval workflow, an administrative correspondence tracker, and a digital-signage SaaS. Hands-on across the full stack with Python (Odoo), React, Next.js, NestJS, PostgreSQL/Supabase and Flutter, and experienced in using AI tools to accelerate delivery without compromising quality.

WORK EXPERIENCE

Systems Developer – IT Department

SAMA QARIATI • 2025 – Present | Riyadh

- Odoo ERP:** developing and customizing Odoo modules in Python to fit the company's departmental workflows.
- Workflow Master (Oversight Engine):** designed and built a central system that tracks every purchase request through a multi-stage automated approval cycle (Oversight → Finance → Executive Management → Execution), with automatic WhatsApp alerts, an AI chatbot, full audit log, HR requests and performance reports.
- Twtheeq:** correspondence & transaction management system for incoming/outgoing documents between departments, with delay alerts, attachments & licenses, Arabic PDF reports, Hijri dates and an Android app.
- Signera:** SaaS digital-signage platform to design, approve, schedule and monitor screens across branches, featuring AI creative generation, real-time screen telemetry and an offline-capable Flutter player.
- Self-hosted deployment with Docker; managed databases, role-based permissions and backup/restore.

Tech: Python, Odoo, React, TypeScript, Next.js, NestJS, Supabase, PostgreSQL, Prisma, Socket.io, Flutter, Docker

Systems Developer (Project)

Rawabi Supplies Trading Co. • 2026

- Taskra:** HR & task management system covering attendance, payroll, employee requests and approval workflows, with multi-company, multi-branch and department support.
- Built a REST API with NestJS & PostgreSQL (TypeORM), JWT auth and role-based access, real-time notifications (Firebase, WebSockets) and Excel exports.
- Developed a bilingual (Arabic/English) Flutter mobile app for employees.

TECHNICAL SKILLS

Frontend

React, Next.js, TypeScript, JavaScript, Tailwind CSS, HTML5, CSS3

Backend

Python, NestJS, Node.js, Laravel (PHP), C#, Java, REST APIs, WebSockets, JWT

Databases

PostgreSQL, Supabase, SQL Server, Prisma, TypeORM

Mobile

Flutter (Dart), Capacitor

ERP

Odoo development & customization (Python, XML, PostgreSQL)

DevOps & Tools

Docker, Self-hosting, Git & GitHub, Backup & Restore

Integrations

WhatsApp alerts, Firebase notifications, PDF/Excel reporting

AI Tools

AI-assisted development with Claude, Codex, Cursor, Antigravity & Lovable; AI chatbots & content generation

OTHER SKILLS

Networks, CCTV and PBX installation & configuration

Systems analysis & workflow design

EDUCATION

B.Sc. in Computer Science

Faculty of Computer Science & IT
Thamar University
2018/2019

LANGUAGES

Arabic: Native

English: Very Good

Tech: NestJS, PostgreSQL, TypeORM, JWT, Firebase, WebSockets, Flutter, Docker

Teaching Assistant – Computer Science Department

Al-Dhalea University • 2022 – 2024

- Taught and supported students in Computer Science courses and practical labs.

Software Developer

Al-Muheet Tourism & Travel Co. • 2020 – 2021

- Built and developed customer-service applications.

Programmer & Developer

Deanship of Student Affairs – Thamar University • 2019 – 2020

- Developed the Archiving & Follow-up desktop system for student affairs documents and transactions.

ADDITIONAL PROJECTS

- **Cultural Competition Management System:** desktop application built with C# and SQL Server.
- **Educational Website – Yemen Telecommunications Corp.:** built with Laravel (PHP), deployed on a local server.