

Khalid Arafa

Senior Fullstack Developer

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Professional Summary

Senior fullstack developer with 10+ years shipping production-grade CRM/ERP platforms, AI-powered SaaS, and cross-platform mobile apps used by 50,000+ users. Specialized in CRM/ERP systems and business automation, with deep expertise across the full delivery pipeline — from architecture and backend API design to React/Flutter frontends, Docker containerization, and CI/CD automation. Consistent track record of growing user bases, improving performance, and delivering at scale for startups and enterprise clients alike.

Technical Skills

Languages: JavaScript (ES2022+), TypeScript, Dart, Python, Bash

Frontend & Mobile: ReactJS, Next.js, React Native, Flutter SDK

Backend: Node.js, REST API design, Express.js

Databases: PostgreSQL, MongoDB, Firestore, MySQL

DevOps & Tooling: Docker, CI/CD Pipelines (GitHub Actions, Gitea), Git, GitHub, Bash scripting, Python scripting

Principles & Methods: Clean Code, OOP, SOLID, Data Structures & Algorithms, Agile/Scrum, TDD

Work Experience

Software Developer | **Salesboom CRM** 2022 – Present

- Architected and led development of tailored CRM solutions for 30+ enterprise clients, owning the full cycle from requirements to production deployment.
- Designed a secure, scalable REST API backend supporting 50,000+ concurrent users, with load-balanced infrastructure and zero-downtime deployments.
- Built and maintained CI/CD pipelines using GitHub Actions and Gitea, cutting release cycle time and eliminating manual deployment errors.
- Containerized core services with Docker, standardizing environments across development, staging, and production and eliminating environment-specific bugs.
- Developed an AI-driven decision tool (powered by the Claude API) embedded in sales, marketing, and customer support flows — directly improving lead conversion for clients.
- Wrote Bash and Python scripts automating data migration, report generation, and environment provisioning — saving hours of manual work weekly.

Fullstack Developer | **Connect Middle-East** 2018 – 2022

- Designed and shipped a full web platform and 3 mobile apps (Android + iOS) from scratch, growing the startup user base by 60% within 18 months.
- Built a custom headless CMS enabling non-technical staff to manage all content independently, driving measurable improvements in SEO rankings and organic traffic.
- Set up Git branching workflows and Gitea-based CI/CD pipelines, improving code review quality and release reliability across the team.
- Owned the full mobile release cycle: architecture, development, QA, and Play Store / App Store submissions.
- Integrated third-party APIs including payments, push notifications, and maps across web and mobile products.

Frontend Developer | **Salesboom CRM** 2016 – 2018

- Built and maintained the main company website frontend from the ground up — 980+ pages across multiple product lines. salesboom.com

- Designed and delivered 45+ custom landing pages for enterprise clients, each optimized for conversion and SEO performance.
- Collaborated with backend and design teams to implement a consistent UI system, reducing visual inconsistencies across a large-scale web product.

Projects & Open Source

Multitenant CRM Backend — Internal Product

Pre-built, production-ready multitenant CRM/ERP backend architecture enabling rapid client onboarding — used to deliver fully customized CRM solutions to SMB and enterprise clients in ~2 weeks, from requirements to deployment.

Stack: Node.js, MongoDB, Docker, REST API

Rewaytk — 100,000+ active users

One of the top Arabic fiction reading platforms on Google Play. Built end-to-end — real-time sync, offline reading, push notifications, and an admin dashboard for content management.

Stack: Flutter, Firebase, Dart, Node.js - [Play Store](#)

TacTech.ai — Live SaaS product

AI-powered business process automation SaaS for SMEs. Features lead management pipelines, intelligent workflow triggers, and a Next.js dashboard. Built and deployed with Docker and GitHub Actions CI/CD.

Stack: Next.js, Node.js, Docker, GitHub Actions, Claude API - [tactech.ai](#)

FlexDocs (JS & Flutter SDKs) — Open source

Open-source Firebase-style backend platform — authentication, database, storage, and realtime sync — with official JavaScript (flexdocs-js) and Flutter (flexdocs_flutter) SDKs published on GitHub.

Stack: JavaScript, Node.js, Dart, Flutter SDK - [github.com/khalid-arafa/flexdocs-js](#) - [github.com/khalid-arafa/flexdocs-flutter](#)

Education

Self-taught developer — independent study in software engineering, computer science fundamentals, and cloud architecture, applied continuously through 10+ years of production work.

Additional

Languages: Arabic (native), English (professional working proficiency)

Open to: In-house/full-time fullstack roles - relocation to Abu Dhabi, UAE

Live work: [salesboom.com](#) - [tactech.ai](#) - [Rewaytk on Play Store](#)