

Khaled Sameer

Head of IT Development

Dubai, UAE

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SUMMARY

Head of IT Development at Stoneslane (HSA Group) in Dubai: in software since 2014 and leading teams since 2021, in B2B commerce, payments and ERP. Built the product and technology team from zero and replaced a licensed white-label ordering app with an in-house platform.

EXPERIENCE

Head of IT Development

Stoneslane Trading & Digital Marketing Co. Ltd (HSA Group) — Dubai, UAE | Jun 2026 – Present

Runs Masdary, a B2B wholesale ordering platform for shops in Aden, Yemen.

Lead the product and technology team: Flutter and Odoo/backend engineers, UI/UX and graphic designers, a marketing manager and an IT manager. Report to the CEO and the group's owners.

- Made the build-vs-buy case to management for dropping Masdary's white-label app (Bizom) and ran the cut-over to the in-house app (Jul–Sep 2026), which moved nearly all orders and ended the license.
- Led the team's fix when production showed Aden's unreliable networks stalling the Masdary app's catalog sync and checkout (Aug 2026): link-quality detection that adjusts timeouts, retries behind a circuit breaker, resumable catalog sync and idempotency keys so a retried order is never placed twice; the super app reuses the design.
- Run one multi-company Odoo 18 for the group's restaurant brands (Elements F&B) and arcade (MOG), with Foodics POS synced to Odoo and HR records for both companies. Chose Supy for restaurant inventory and ran its rollout; picked Gameball for group loyalty after a vendor comparison (launching early 2027).
- Designed HSA Group's super app (customer, picker and courier apps), in staging since Oct 2026: a TypeScript modular monolith on AWS ECS Fargate with PostgreSQL and Valkey, kill switches, circuit breakers and alarms linked to runbooks, and Terraform for the AWS Organization.
- Set up the team's workflow around Claude Code: review agents, shared skills, hooks that block pushes to main and edits to migrations, and CI that runs coverage and Stryker mutation tests and traces spec rules to tests.

Senior Software Engineer

Stoneslane Trading & Digital Marketing Co. Ltd (HSA Group) — Dubai, UAE | Sep 2023 – Jun 2026

Worked solo on the ERP and integrations until Oct 2025, then hired and led the engineering team.

- Built the product and technology team from zero: wrote the take-home tests (a Flutter delivery planner, an Odoo mobile API) and ran the hiring for every role; the first engineer started in Oct 2025 and no one has left.
- Developed Stoneslane's Odoo ERP, alone from Apr 2024 until the team joined in Oct 2025, including the Bizom order bridge, two-way Firebase sync and OSRM delivery routing. Led its upgrade from Odoo 17 to Odoo 18 (Mar 2026), with every custom module migrated.
- Architect and product owner of the in-house Masdary app (Flutter, Firebase, Algolia; Arabic and English), from first commit in Oct 2025 to App Store release in Apr 2026. GitHub Actions ships it to both stores; the team also shipped field-sales CRM and courier apps on Google Play.

Senior Full Stack Developer (acting Team Lead)

Tradeling — Dubai, UAE | May 2021 – Sep 2023

B2B e-commerce marketplace.

Acting lead of the core team (backend, frontend, QA and a project manager) that owned payments, checkout, orders, accounts, credit and wallet.

- Delivered credit facilities for business buyers, with Al Etihad Credit Bureau (AECB) reports and a trade-credit insurance provider integrated into the credit and wallet services.
- Integrated Amazon Payment Services (APS) and Checkout.com as card-payment gateways in checkout.
- Maintained the shared SDKs and internal libraries for Tradeling's Node.js and NestJS microservices, running on Kubernetes on AWS with Kafka for events.
- Ran the team's code reviews and coached its engineers on service design and testing (SOLID, Jest unit tests, Cypress end-to-end tests).

Senior Full Stack Web Developer

MBC Group (Middle East Broadcasting Center) — Dubai, UAE | Aug 2018 – May 2021

- Delivered internal applications for MBC staff, including media-asset management, incident management and video-editing task tracking (.NET Core, C#, Angular, SQL Server).
- Built Power BI dashboards on monetization KPIs for senior management, and REST APIs connecting external partners to MBC's internal media systems.

Software Engineer

General Authority for Youth & Sports — Dubai, UAE | Feb 2017 – Aug 2018

UAE federal government authority.

- Moved the authority's services from paper to online on Angular and .NET Core (C#): sports activity licenses and renewals, permits and the media center, with payment gateway and HRMS integration.

Software Developer

Electronic Spaces — Dubai, UAE | Jun 2014 – Feb 2017

Security and IoT systems integrator (since closed). Joined as IT Manager and IoT solutions developer; full-time software developer from 2015.

- Wrote time-attendance software for a government client in Iraq, integrated with fingerprint readers and access-control hardware.

Before 2014: electronics technician, IT technician and graphic designer, writing code on the side.

SELECTED PROJECTS

greplm · Rust, open source (MIT) · github.com/KhaledSMQ/greplm

Local code index for LLM coding agents, written in Rust and open source (MIT). A CLI and MCP server, published on crates.io, that answers search, call graph, go-to-definition and git queries, so an agent reads only the code it needs instead of whole files.

fast_thumbhash · Dart, pub.dev · pub.dev/packages/fast_thumbhash

ThumbHash image placeholders for Flutter, extracted from the Masdary app and published on pub.dev. The same app also produced `advance_cart_stepper` and `infinite_scroller`.

SKILLS

Leadership: Hiring and take-home assessments, build-vs-buy and vendor selection, Agile (Scrum), spec-driven development, code review, AI-assisted development (Claude Code)

Backend: TypeScript, Node.js, NestJS, Python (Odoo, FastAPI), Rust (axum, Tokio), C# (.NET Core), PHP

Mobile and web: Flutter (Dart, BLoC), React, Next.js, Angular

Data: PostgreSQL, MongoDB, Redis/Valkey, Firebase Firestore, Algolia, Apache Kafka, SQL Server, Power BI

Cloud and DevOps: Amazon Web Services (AWS: ECS Fargate, RDS, Lambda, S3, Organizations), Google Cloud (GCP) and Firebase (Cloud Functions, Firestore, Cloud Tasks), Terraform, Docker, Kubernetes (K8s), CI/CD (GitHub Actions), Cloudflare, Odoo.sh

Domains: B2B commerce and marketplaces, payments (APS, Checkout.com), trade credit (AECB), ERP (Odoo 17 and 18), POS (Foodics), Arabic and English (RTL) apps

CERTIFICATIONS

AWS Certified Cloud Practitioner — Amazon Web Services | issued Sep 2024, expires Sep 2027

EDUCATION

Diploma in Graphic & Web Design (2-year program)

Az Zarqa Al Ahlyah College — Jordan | 2007 – 2009

LANGUAGES

Arabic (native) · English (full professional proficiency)