

Ali Amer

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SUMMARY

Self-taught software developer who builds and ships full-stack web applications end-to-end, from database and API design to frontend and deployment. Has taken two production platforms live (FastAPI, React, PostgreSQL, Docker). Background of 4+ years in smart-home sales and solutions with component-level device repair.

EXPERIENCE

Asalet Al-Kawaz

Apr 2022 – Present

Smart-Home Sales & Solutions Specialist

Mansour, Baghdad, IQ

- Advised customers and sold smart-home products and solutions at the Babylon branch
- Served as lead smart-home technical expert, primary contact resolving complex issues for customers and staff
- Handled 150+ monthly customer conversations via online support, troubleshooting setup and device issues remotely
- Repaired 1,000+ devices at component level with an 82% first-fix rate, restoring units without replacement

PROJECTS

Katalog: E-Commerce Catalog & Storefront Platform store.asaletalkawaz.iq

Nov 2025 – Present

Python, FastAPI, PostgreSQL, React, Celery, Docker

- Architected a 5-level price-resolution engine (per-customer → group → tier → retail) with request-time sale overrides
- Built an automated PDF catalog pipeline on headless Chromium with an async worker queue that nightly pre-generates variants for instant delivery
- Integrated LLM APIs for auto-generated product summaries and Arabic→Kurdish (Sorani) translation, with rate-limit and error handling
- Engineered full storefront with cart, checkout, OAuth auth, loyalty points, Firebase push, and abandoned-cart triggers, delivered via Telegram Mini App + WhatsApp Business API

Fixr: Multi-Branch Device Repair Tracking Platform fix.nixflow.xyz

Oct 2025 – Present

Node.js, Express, PostgreSQL, Redis, n8n, Docker, WhatsApp API

- Built a multi-branch repair lifecycle engine (reception → repair → pickup) with 6-tier role-based access, atomic invoicing, and weighted-average-cost inventory
- Engineered an offline-first PWA with service-worker caching and an IndexedDB queue, enabling QR scanning and form submission with zero connectivity, auto-syncing on reconnect
- Automated WhatsApp status notifications via n8n with non-guessable UUID tracking tokens, plus AES-256-GCM encrypted backups and Arabic RTL PDF invoices

Snip: Self-Hosted URL Shortener github.com/uAliAmer/Svelte-URL-Shortener

SvelteKit, Prisma, PostgreSQL, Redis

- URL shortener with click analytics, QR codes, tags, link expiry/limits, API keys, and admin panel; one-command TLS via Caddy

Hashban: Backendless Kanban Board hashban.meiox.com

TypeScript

- Single-page Kanban board whose entire state lives in the URL hash, with no backend; sharing the link shares the board

Hexlight: LED Lighting Planner hex.meiox.com

TypeScript

- Grid-based design tool for planning hexagonal LED lighting layouts

EDUCATION

university of Baghdad college of arts & literature
Bachelor of Arts, Department of Sociology (Social Service)

2020 - 2025
Baghdad

SKILLS

Technical : Python, FastAPI, JavaScript, React, PostgreSQL, Celery, Docker, REST APIs, Linux (6+ yrs), Electronics & integrated-circuit repair, Smart home systems

Business : Technical sales, Customer support, Customer relations, Problem-solving

Tools : Git, Linux, Docker Compose, Nginx, Cloudflare R2, Playwright, LLMs API, Telegram/WhatsApp Business API

Languages : Arabic (native), English (fluent)