# Mohamed Saleh

## Full-Stack Developer | Next.js, Node.js, PostgreSQL

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### SUMMARY

Full-stack developer who delivers business systems for clients from first meeting to production. I gather the requirements, design the data model and business rules, test every change and run the release. Stack: TypeScript, React, Next.js, Node.js, PostgreSQL. In 2026 I built five client projects as the only developer (three in production, two launching Nov 2026), alongside a full-time systems role at a textile manufacturer.

### SKILLS

**Languages:** TypeScript, JavaScript, SQL, HTML, CSS
**Frontend:** React, Next.js, Astro, GSAP, responsive design, RTL and Arabic UI, i18n, Figma implementation
**Backend:** Node.js, REST APIs, Drizzle ORM, Payload CMS, Better Auth, role-based access control, PDF generation
**Databases:** PostgreSQL, SQL Server, MySQL, Supabase, PowerSync (offline sync), data migration
**Infrastructure:** Linux servers (self-hosted), Vercel, S3-compatible storage, uptime monitoring, Git
**AI and automation:** Claude Code, OpenAI Codex, n8n, Telegram Bot API, webhooks
**Testing and delivery:** Vitest, Playwright, Docker Compose, database migrations, off-site backups, user acceptance testing
**ERP:** Odoo (end-user training, product data, inventory), PowerBuilder

### EXPERIENCE

**Freelance Full-Stack Developer** | Self-employed, Remote 2026 - Present

*Five client projects as the only developer, from requirements to deployment and support.*

- **True Legal, law firm client accounts** (Next.js, PostgreSQL, Better Auth) - **in daily production use** for the firm's client payments, case expenses and fees. Built a second version on self-hosted PostgreSQL that migrates user accounts without forcing password resets and enforces three access roles.
- **Kidzenia, e-commerce** (Next.js, Payload CMS, PostgreSQL) - **live**. Arabic and English storefront and admin for a clothing factory, cash on delivery. Orders reserve stock in one row-locked transaction, and a per-variant web allocation stops the site overselling stock also sold by phone and in store.
- **Tiba Masr, produce exporter website** (Astro, TypeScript) - **live at tibamasr.com**. English and Arabic site with a product catalogue, an interactive export-markets map built at compile time, and structured-data SEO.
- **Aqsat, installment financing** (Next.js, Drizzle, PostgreSQL) - **launching Nov 2026**. Replaces a legacy PowerBuilder system for an installment seller: contracts, schedules, guarantors, court cases and Arabic statements. Built on an append-only ledger, so every balance traces back to its entries; 7,000 customers migrate from the old system.
- **True Visor, compliance audits** (Next.js, PostgreSQL, PowerSync) - **pilot launch Nov 2026**. Replaces Excel checklists for consultants auditing factories against social-compliance standards. Works fully offline through self-hosted sync, with photos uploaded exactly once, corrective actions, and English and Arabic.

**Systems Developer and ERP Specialist** | Kazareen Company for Textile, Giza Dec 2024 - Present

- Maintain the company's PowerBuilder ERP for high-volume textile production, keeping it stable and its data accurate.
- Key member of the Odoo ERP rollout: trained staff, loaded product data and fixed inventory and warehouse issues.
- Built a fabric inspection web app (Next.js, SQL Server) that scans barcodes with a phone camera instead of dedicated scanner hardware and tracks defects in real time.
- Built an n8n and Telegram bot that turned plain-language questions into SQL; downtime incidents fell 40%.
- Built a mobile QR complaint and compliance system with file uploads and tracking; reporting time fell 60%.

**Frontend Developer (Freelance)** | Semi-Code, Remote 2023 (4 months)

- Built the frontend of Tick Hub, an event-ticketing marketplace, from Figma designs: search and filtering, category navigation, sign-in, and right-to-left layouts for Arabic markets.

**Military Service** | Egyptian Armed Forces 2021

### EDUCATION AND LANGUAGES

**Full-Stack Development Diploma** | Academickey 2022
**BSc Computer Science** | Misr University for Science and Technology, Giza 2016 - 2020
**Languages:** Arabic (native), English (professional working proficiency)