

MOHAMED ABD EL-RAOUF

Full-Stack Developer | Automation & AI

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🌐 LinkedIn

📍 Jeddah, Saudi Arabia

🐙 GitHub

🌐 Portfolio

Profile

Full-Stack Developer who builds fast, responsive web applications with React & Next.js — and ships the backend, automation workflows, and AI integrations behind them. Currently leading IT systems and development at a medical complex in Jeddah: deploying patient-communication platforms, automating clinical workflows with n8n, and building ZATCA-compliant internal tools. **Based in Jeddah with a Transferable Iqama. Immediately available.**

Technical Skills

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), Redux Toolkit, Zustand, Context API, **RTL Layouts**

Backend: Node.js, Express.js, REST APIs, MongoDB, PostgreSQL, Supabase, JWT Authentication

Automation & AI: n8n, Typebot, Chatwoot, WhatsApp Business API, Webhooks, Docker

UI Systems: Tailwind CSS, shadcn/ui, Radix UI, Material-UI, Vuexy, SASS/SCSS

Compliance & Standards: ZATCA E-Invoicing, Arabic Typography, Localization (i18n), Accessibility (a11y)

Workflow: Git/GitHub, Agile/Scrum, Vercel, Netlify, Render, Supabase

Languages: Arabic (Native), English (Professional Working Proficiency)

Professional Experience

Nova International Medical Complex

04/2026 – Present

Full-Stack Developer & IT Systems

Jeddah, Saudi Arabia

- Verified official WhatsApp Business number; deployed Chatwoot patient-communication platform, centralizing team-wide conversations and improving response quality.
- Built an n8n automation pipeline to deliver lab results to patients automatically, eliminating manual hand-delivery.
- Deployed a Typebot AI assistant handling common patient inquiries 24/7, reducing front-desk load.
- Developed **Nova Bill** — a full-RTL, ZATCA-compliant Laboratory Management System with SHA-256 hash-chained invoices, credit notes, 4-role access control, and Supabase RLS.
- Led vendor research and price-quote comparison for HIS and Queue Management System procurement.

Vconnct

06/2024 – 03/2026

Front-End / Full-Stack Developer (Onsite)

Egypt

- Built SSO authentication, login/registration, and multi-gateway payments (Stripe, Fawry, Paymob) with automated invoicing for the VCloud control panel.
- Delivered the Qriib web app & admin portal (meetings, webinars, license and billing management) and its public marketing website.
- Built the qrrib client dashboard and website; integrated Strapi CMS across multiple marketing landing pages.

Information Technology Institute (ITI)

06/2023 – 08/2023

Full Stack Developer Intern

Cairo, Egypt

- Built a blog app with authentication and post management using PHP/MySQL; implemented responsive UI.

Key Projects

Nova Bill — ZATCA-Compliant Lab Management System (Internal — walkthrough on request)

- Full-RTL Arabic LMS for a medical lab with ZATCA e-invoicing (SHA-256 hash chain, QR TLV), credit notes, 4 user roles, accountant panel, quotation templates, and Excel/PDF export.
- **Tech Stack:** Next.js, TypeScript, Supabase, PostgreSQL, shadcn/ui, Tailwind CSS, React Hook Form, Zod

Cozy Loops Store

- Freelance artisan marketplace with product catalogs, real-time cart, Stripe payments, and Google OAuth.
- **Tech Stack:** Next.js, TypeScript, Material-UI, React Hook Form, Stripe, Socket.io

Full-Stack E-commerce Platform

- End-to-end e-commerce platform with JWT auth, real-time inventory tracking, and admin dashboard.
- **Tech Stack:** React, Node.js, MongoDB, Context API, JWT Authentication

Education

Modern University for Technology and Information

2020 – 2024

Bachelor's Degree in Computer Science

Cairo, Egypt

- Recognized for Excellence in Final-Year Project.

Professional Development & Certifications

Digital Egypt Pioneers Initiative (DEPI) - MERN Stack Diploma (2024)

InnovEgypt Program - TIEC (2024)

ITI Full Stack Developer - Ministry of Communications (2023)

Zewail City AI Training (2023)