Mahmoud Reda

Full-Stack Engineer (React / Next.js / Laravel)

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Cairo, Egypt (UTC+2/+3) | Open to remote roles | Available for EU and US overlap hours

Summary

Full-stack engineer with **5+ years** on the web, strongest in **React**, **Next.js**, and **TypeScript** and at home in **Laravel** and **Java** backends, mostly on multi-tenant e-commerce: storefronts, merchant dashboards, and admin consoles. I lead a small team, care about testing and performance, and utilize AI-powered workflows with Claude Code and Cursor to ship faster.

Professional Experience

NTG Clarity (Markatty) — Giza, Egypt
Software Engineer (Full-Stack) — *May 2023 – Present*
Multi-tenant e-commerce SaaS (70+ live storefronts, 10,000+ monthly users) moving off a Laravel monolith.

- Led a team of 3 developers, merging 40+ of their branches and writing the team's **Claude Code** / **Cursor** rules.
- Created the **Next.js** / **TypeScript** Super Admin that replaced the legacy admin: 100+ pages, role-based access, RTL.
- Shipped Team Tickets (Jira-style) in **Laravel** and **Next.js** with **Reverb** live updates and 260+ **PHPUnit** tests.
- Designed the storefront layout system for 101+ themes and moved it to the **Next.js App Router** with SSR and SEO.
- Engineered a **Spring Boot** REST API in **Java** that serves merchant sales and order reports from **MySQL**.
- Developed **Laravel** back-in-stock alerts that bring shoppers back by email when sold-out products return.
- Redesigned the **React** merchant dashboard's 16 Settings pages and data grid; seeded 27 demo stores for sales.
- Set up storefront testing with **Vitest**, **Playwright**, and **Storybook**: 2,900+ tests, duplication halved to 5%.
- Added related products to the white-label **Flutter** / **Dart** app and a check guarding its 18 builds from API breaks.
- Automated bulk product-photo onboarding in **Python**: **WebP** conversion, SKU-matched **SQL**, **SFTP** uploads.
- Migrated markatty.com from **WordPress** to **Next.js**: bilingual CMS pages, SEO, and regional pricing (EGP, IQD, USD).

Envaglo — Remote
Frontend Engineer (Part-time contract) — *Jun 2025 – Oct 2025*

- Architected a management dashboard from scratch with **Next.js App Router**, **TypeScript**, **React Query**, and **shadcn/ui**.
- Designed the **Zustand** state layer and multi-step **React Hook Form** + **Zod** flows, cutting re-renders on data-heavy views.
- Cut time-to-interactive on the heaviest routes with **Server Actions** and streaming.
- Mentored a junior developer through async pull-request reviews and architecture decisions.

Freelance Web Developer — Remote
Self-employed — *Jul 2022 – Apr 2023*

- Delivered 5+ client sites on **WordPress** / **WooCommerce** and built the HH Shaker corporate site in **Laravel** with SEO.

Dealtio — Cairo, Egypt
Frontend Developer — *Jun 2021 – Jun 2022*

- Built responsive marketing sites and internal dashboards with **Angular**, **JavaScript (ES6+)**, and **Bootstrap**, turning designs into reusable page templates that work across browsers and screen sizes.
- Implemented full CRUD workflows against **REST APIs** for the internal operations tools, covering forms with validation, searchable and filterable data tables, and clear loading and error states, so the operations team could manage their records without developer help.

Product Manager — *Jan 2021 – Jun 2021*

- Worked with B2B clients and the development team to gather requirements, turn them into prioritised user stories with clear acceptance criteria, and keep the product roadmap aligned with what clients needed most.

Data Analyst — *Jan 2020 – Jan 2021*

- Built reporting dashboards and ad-hoc analyses in **SQL**, **Python**, and **Google Data Studio** for leadership and the marketing team, turning raw business data into recurring reports and insights that informed planning and decisions.
- Set up **Google Analytics** and **Google Tag Manager** tracking for the company's websites, defining events, goals, and campaign tags so the marketing team could measure traffic, conversions, and campaign performance.

Technical Skills

- **Frontend:** TypeScript, React, Next.js (App Router, SSR/ISR), Angular, Zustand, TanStack Query, Tailwind CSS, shadcn/ui
- **Backend:** PHP & Laravel (queues, Horizon, Reverb), Java & Spring Boot, Node.js, Python & Django, REST APIs, WebSockets
- **Data & Mobile:** MySQL, PostgreSQL, Redis, Firebase; Flutter & Dart, React Native
- **Testing & Delivery:** PHPUnit, Vitest, Playwright, Storybook, Docker, GitLab CI/CD, Git
- **AI-Assisted Development:** Claude Code and Cursor, with project rules and custom agent skills

Education & Languages

B.Sc. in Computer Science, Higher Technological Institute (HTI), Egypt — 2015 – 2019

Languages: Arabic (native), English (professional working, B2), German (B1)