

Belal Moustafa

Full-Stack Software Engineer / Technical Lead

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PROFESSIONAL SUMMARY

Results-driven Full-Stack Software Engineer and Technical Lead with over 3 years of experience architecting and delivering end-to-end, highly scalable systems. Demonstrated success in leading cross-functional teams of up to 15 members and deploying 55+ production projects handling 10,000+ concurrent users. Deep expertise in bridging robust backends (**NestJS, Laravel, PostgreSQL**) with modern, responsive frontends (**Next.js, Flutter, Expo**), alongside streamlining operations via **Docker** and **CI/CD** pipelines.

SKILLS

Core Stack: TypeScript, PHP, JavaScript, Dart, Java

Backend & APIs: NestJS, Laravel, Node.js, RESTful APIs, Socket.io, Sanctum

Frontend & Mobile: Next.js, React, Flutter, Expo, Tailwind CSS, Zustand, Riverpod

Databases: PostgreSQL, MySQL, MongoDB, Redis, Prisma ORM

DevOps & Architecture: Docker, GitHub Actions, Nginx, Linux (Ubuntu VPS), Monorepo (Turbo), Multi-tenant Architecture

WORK EXPERIENCE

Tarqumi — Technical Lead & Full-Stack Engineer Feb 2026 – Present

- Led full-stack architecture across a cross-functional team of 15 developers, overseeing end-to-end system design from database layer to client interfaces.
- Ensured seamless integration between complex APIs and frontend clients across 55+ production projects, maintaining consistency and reliability at scale.
- Implemented automated **CI/CD** pipelines via **GitHub Actions** and **Docker**, enabling rapid, zero-downtime deployments for platforms serving 10,000+ concurrent users.

Ashour Group — Head of Software Team & Software Board Member Feb 2025 – May 2026

- Directed the full-stack technical roadmap, aligning frontend and backend development with business objectives and long-term product strategy.
- Standardized both frontend (**React, Next.js**) and backend (**Laravel**) development practices, establishing shared coding standards and architectural patterns.
- Led architectural reviews and code quality initiatives, ensuring high performance, security, and maintainability across all company products.

Ashour Group — Full Stack Developer Dec 2024 – Feb 2025

- Developed and maintained full-stack applications using **Laravel, Next.js**, and **PostgreSQL**, delivering cohesive end-to-end product features.
- Integrated third-party APIs and payment gateways, ensuring seamless data flow between backend services and responsive client interfaces.

7p — Backend Developer Jul 2024 – Oct 2024

- Engineered robust backend APIs and microservices using **PHP/Laravel** and **MySQL**.
- Streamlined data processing and API response times with **Redis** caching and optimized server configurations.

Freelance — Software Engineer

2023 – Present

- Delivered custom end-to-end web and mobile solutions for international clients, covering database design, API development, and frontend implementation.
- Built complete product stacks using **NestJS**, **Laravel**, **Next.js**, and **Flutter**, with deployment on **Linux VPS** via **Docker** and **Nginx**.

KEY PROJECTS

W Omnichannel Hub (w-Hub) — SaaS Platform

- Built a multi-tenant WhatsApp SaaS using a **NestJS**, **Next.js**, and **Expo** Monorepo (**Turbo**). Implemented real-time **Socket.io** chat inboxes and configured robust RBAC with **PostgreSQL** and **Prisma**.

Care Synq (e-Hub CRM) — Marketing & Clinic Operations

- Developed a modular multi-tenant **Laravel** backend and a cross-platform **Flutter** client. Automated activity lifecycles using **Laravel Scheduler** and **Redis**, with CI/CD via **GitHub Actions**.

MetaTrader — Fintech Investment Platform

- Engineered a full-stack fintech platform combining a **Laravel** API, **Next.js** Admin dashboard, and **Flutter** Mobile App to manage real bank transfers and daily ROI cycles.

AIM — Investment Tracking Platform

- Developed a bilingual (EN/AR) investment platform with a **Next.js** frontend and **Laravel** backend. Integrated multi-gateway payouts (PayMint, Binance) and automated withdrawal batches.

Clinova — Comprehensive Clinic Management System

- Architected and built an end-to-end comprehensive clinic management system, from database design and secure APIs to intuitive patient booking interfaces.

EDUCATION

October Technological University

B.Sc. in Information Technology (CS Major) — 2024 – Expected 2028 (Currently in 3rd Year)

WE Applied Technology School

Diploma in Web Development & Programming — 2021 – 2024

HONORS & CERTIFICATIONS

- 2nd Place Nationwide in Software — Egypt Science and Engineering Fair (ESIF).
- Samsung Innovation Campus Certification.
- Multiple Certifications from BIM.