MARIO MAMDOUH

Founder & CEO, predev. Solutions

Software house leadership · Product strategy · Software architecture · Mobile & web platforms · Laravel · Next.js · Flutter · GCP · AWS

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PROFESSIONAL SUMMARY

Founder & CEO of predev. Solutions, a 14-person software house in Cairo that plans, designs and builds mobile apps, web platforms and brands for companies in Egypt, Saudi Arabia and the Gulf. Runs sales, architecture and delivery on every project; the team has shipped 8+ products in 10 industries. Before founding predev., spent six years as a Senior Software Engineer and Tech Lead, building payment microservices, banking and accounting integrations, and multi-tenant Arabic/English platforms in PHP (Laravel, Yii2), Node.js and Next.js, deployed with Docker on GCP and AWS. Led an engineering team for 18 months, owning architecture, code review, mentoring and engineering standards.

TECHNICAL SKILLS

Languages: PHP, JavaScript, TypeScript, Python, Go, Java, C#, Dart, SQL

Backend & Frameworks: Laravel, Symfony, Yii2, Filament, Node.js, NestJS, .NET, GraphQL, REST APIs, Blade, Sanctum

Frontend & Mobile: Next.js, React, Angular, Vue.js, Flutter

Databases & Storage: MySQL, PostgreSQL, MongoDB, Redis, Elasticsearch, SQLite, SQL Server

Messaging, Queues & IoT: RabbitMQ, Kafka, MQTT, NATS, Pulsar, Arduino

Cloud, DevOps & Monitoring: Google Cloud, AWS, Azure, DigitalOcean, Docker, Kubernetes, Nginx, Terraform, GitHub Actions, Jenkins, CircleCI, Bitbucket CI/CD, ArgoCD, Datadog, Grafana, Docker Swarm, Docker Compose

Payments & Auth: PayPal, OAuth2 / mTLS, Payment Gateways, BNPL, Accounting APIs, Webhooks

Collaboration & Tools: Git, Postman, Jira, Slack, Trello, Asana, ClickUp, Linear, Notion, GitHub, Bitbucket

Architecture & Practices: Microservices, Distributed Systems, Event-Driven, DDD, CQRS, Clean Architecture, System Design, Design Patterns, SOLID, OOP / OOD, RBAC, TDD, Unit & Integration Testing, CI/CD, Agile / Scrum

PROFESSIONAL EXPERIENCE

predev. Solutions
2026 – Present

Founder & CEO
Cairo, Egypt

- Founded and run a Cairo software house that plans, designs and builds mobile apps, web platforms and the brands around them, Arabic-first for Egypt, Saudi Arabia and the Gulf.
- Built a team of 14 full-time specialists across engineering, design and delivery
- Shipped 8+ products live for clients in 10 industries
- Own sales, architecture and delivery on every engagement

Evolvice GmbH
Jun 2025 – 2026

Senior Software Engineer
Cairo, Egypt (Remote)

- Architected and delivered payment and platform services across a Gulf SaaS product suite — from a Laravel-based payment microservice to enterprise banking integrations and a bilingual admin platform.
- Built a Laravel payment microservice integrating a card gateway and a BNPL provider with secure webhooks and end-to-end reconciliation
- Engineered a two-way accounting-platform sync with customer deduplication and race-condition-safe upserts via unique locks and recovery jobs
- Deployed and scaled services with Docker Swarm on GCP through Bitbucket CI/CD, with Slack/email error alerting
- Integrated an enterprise bank's B2B payroll API (OAuth2, mTLS) and an education-financing provider, and shipped iSpeaker Live (Laravel + Next.js + Flutter)

REFILEX
Dec 2023 – Jun 2025

Tech Lead
Cairo, Egypt

- Led the engineering team as Tech Lead, owning architecture, technical standards, and delivery across the full application lifecycle.
- Led a team of engineers — task breakdown and prioritization, code review, technical mentoring, and unblocking
- Owned architecture and technical design decisions, and set the engineering standards the team worked to
- Designed and maintained scalable RESTful APIs and optimized schemas, queries, and caching for performance and reliability
- Automated recurring tasks and deployment workflows through custom tooling and scripting
- Ran delivery in an Agile team, translating business requirements into scoped, estimated technical work

Kick Start Interactive Aug 2022 – Dec 2023
Software Engineer (Contract) Remote

- Ensured seamless integration between backend services and frontend/mobile interfaces across web and mobile platforms.
- Maintained consistency and synchronization between platforms
- Collaborated with cross-functional frontend, backend, and mobile teams in an Agile environment

Tod-z Nov 2022 – Jun 2023
Software Engineer Estonia (Remote)

- Designed scalable, maintainable full-stack solutions with tight integration between frontend and backend systems.
- Deployed and managed applications on AWS cloud infrastructure

OTG Sep 2020 – Aug 2022
Backend Developer Cairo, Egypt

- Designed, developed, and maintained robust, secure, and scalable APIs following industry best practices.
- Optimized database schemas and managed replication, backups, and recovery
- Wrote unit, integration, and end-to-end tests and tuned code and queries for performance

NOTABLE PROJECTS

Child-Development SaaS
Enterprise SaaS ecosystem for early-childhood development and special education, serving nurseries, therapy centers, and families across the Gulf in a multilingual, RTL-first (Arabic/English) interface. Delivered backend and full-stack features across its assessment, individualized-plan, daycare, and parenting products — subscriptions, billing, and integrated payments.

Aqarmap Compounds Ratings aqarmap.com.eg/compounds-ratings/en
Transparency product inside one of Egypt's leading real-estate marketplaces, rating residential compounds before purchase. Built backend features and APIs behind the report pipeline and its filtered, paginated listing at national scale.

Aqarmap Saudi aqarmap.sa/en
Backend features and API development for Aqarmap's Saudi platform — a Riyadh-based marketplace connecting buyers, investors, developers, and brokers around new real-estate projects.

iSpeaker Live ispeakerlive.com
Full-stack social and e-learning platform delivered end-to-end (Laravel + Next.js) — feeds, courses, self-hosted Jitsi live rooms, consultations, a PayPal-backed wallet, RTL PDF invoicing, and a Flutter mobile app shipped to TestFlight.

Payment Microservice
Payment microservice integrating a card gateway, a BNPL provider, and enterprise banking APIs (B2B payroll over OAuth2/mTLS, education financing), with a two-way accounting-platform sync, automated reconciliation, a Filament admin panel, and CI/CD deployment on Google Cloud.

Property Turkey propertyturkey.com
Developed and maintained features for a long-running international real-estate investment portal serving overseas property buyers across Istanbul and the Turkish coast.

Otlob Tabib otlobtabib.com
Backend services for an on-demand home-healthcare platform — bookings, scheduling, and the multi-specialty request flow behind its iOS and Android apps.

Mueaqib mueaqib.com.sa
Saudi two-sided marketplace connecting citizens with licensed offices for government and administrative transactions, aligned with Vision 2030.

Kroobia kroobia.com
Bilingual e-commerce platform for renewed and refurbished electronics — built catalog, category, and checkout features for the storefront.

Quick
Bilingual delivery super-app built end-to-end — backend, mobile apps, and marketing site. One cart across five verticals, a seven-state live order tracker, prescription upload, and push notifications for customers, shops, and drivers.

tod-Z tod-z.com/marketplace
Two-sided freelance marketplace built full-stack in Laravel — separate onboarding tracks for project owners and freelancers, social sign-up, a talent assessment pipeline, secured payments, and the project management flow.

EDUCATION

Bachelor of Science in Computer Science 2018 – 2022
Modern Academy for Computer Science, Maadi, Egypt