

MOHAMED SAAD BEHAIRY

Technical Lead & Software Architect | Co-founder & CTO @ Fixsy | AI Systems Specialist

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PROFESSIONAL SUMMARY

Results-driven **Technical Lead & Software Architect** with a degree in **Business Information Systems (BIS)** and a proven track record in software architecture, technical operations, and AI model training (RLHF). Co-founder & CTO at **Fixsy** and creator of **Acadify LMS**. Selected among 5,000 elite developers in Egypt for Google's *Build with AI* program. Expert in architecting high-performance web applications (Next.js 16 / React 19), cross-platform mobile solutions (Flutter & Clean Architecture), and automated AI workflows.

WORK EXPERIENCE

Co-founder & Chief Technology Officer (CTO) • Fixsy 2023 – Present | Alexandria, Egypt

- Architected the complete technical blueprint and software foundation for an on-demand home maintenance ecosystem.
- Spearheaded cross-platform mobile app development with Flutter utilizing **Clean Architecture** (Domain, Data, Presentation) and Riverpod state management.
- Engineered low-latency backend microservices with NestJS, WebSockets, and real-time geolocation tracking for technician dispatch.

AI Trainer & Software Engineering Specialist • Outlier AI Remote

- Evaluated and refined AI-generated code snippets to ensure functional accuracy, logical flow, optimal performance, and security compliance.
- Conducted **RLHF (Reinforcement Learning from Human Feedback)** and advanced Prompt Engineering to enhance LLM reasoning benchmarks.
- Identified complex algorithmic edge cases and syntax vulnerabilities, delivering structured feedback for frontier model fine-tuning.

Technical Operations Lead & CTO • A Plus for Laptops Alexandria, Egypt

- Directed technical department responsible for diagnostic testing, hardware validation, thermal optimization, and workstation QA standards.
- Engineered internal inventory and quotation platform, reducing manual stock audit overhead by 40%.
- Managed data-driven digital marketing campaigns and Meta Ads driving consistent revenue growth over 3+ years.

Creator & Lead Architect • Acadify LMS (Commercial EdTech) 2023 – Present

- Architected and released Acadify v1.0.0, a multi-role Learning Management System built with **Next.js 16 (App Router)** and **React 19**.
- Engineered an automated multi-currency financial ledger and instructor wallet with automated commission splitting and payout pipelines.
- Designed complete bi-directional internationalization with native RTL Arabic and LTR English support.

Branch Manager & Operations Lead • El-Saad for Computers Alexandria, Egypt

- Promoted from Inventory Manager (1 year) to Branch Manager (2 years) due to exceptional operational leadership and inventory accuracy.
- Supervised daily commercial and technical operations, leading and mentoring the sales team to expand local market reach.

EDUCATION & LEADERSHIP

Bachelor's Degree in Business Information Systems (BIS) Graduated (2026)

Solid academic foundation in business informatics, enterprise software architecture, database management, and operational modeling.

Youth Volunteer & Organizer: YLY – Ministry of Youth and Sports, Egypt (National youth initiatives & community empowerment).

CERTIFICATIONS & ELITE PROGRAMS

- **Google "Build with AI" Program:** Selected among 5,000 elite developers in Egypt to integrate advanced AI into production.
- **Delivering Quality Work with Agility:** IBM (Coursera).
- **Professional Foundations & Virtual Assistant:** ALX.
- **Forward Program:** McKinsey & Company.
- **AICE (AI Career Essentials):** ALX.
- **Entrepreneurship & Hardware Product Building:** Creativa & ITIDA.

TECHNICAL COMPETENCIES

Software Engineering & Web

Next.js 16

React 19

TypeScript

Flutter

Dart

Riverpod

Clean Architecture

Tailwind CSS

Node.js

NestJS

PostgreSQL

Prisma

AI, Automation & Leadership

RLHF & Model Training

Prompt Engineering

Ollama / Local AI

Gemini & OpenAI APIs

n8n Automation

MCP Protocol

Technical Leadership

Agile / Scrum

Hardware Diagnostics