

Mohammed Elkhodari

mhmd.elkhodari@gmail.com / +20 1552913217 / Gesr El-suiz, Cairo

Summary

Full-Stack Developer with **5+ years of hands-on experience** building **large-scale, real-world systems** from the ground up. Specialized in designing and developing **enterprise platforms, dashboards, real-time applications, and multi-role systems** using JavaScript, Node.js, and modern frontend frameworks. Proven ability to architect complex products **solo**, deliver under tight deadlines, and transform business requirements into scalable technical solutions.

Key Projects

Genius Global Platform

Comprehensive gaming ecosystem combining esports tournaments, digital marketplace, and social features.

- Built a unified platform for tournaments, leaderboards, missions, rewards, and digital goods trading
- Implemented real-time leaderboards, notifications, and rewards economy
- Integrated secure payments, authentication, caching, and scalable APIs
- **Tech:** Next.js, TypeScript, Node.js, MongoDB, PostgreSQL, Redis, Stripe API, GraphQL, Docker

Enterprise Inventory Management System (IMS)

Enterprise-grade inventory and business management system designed for the Saudi market.

- Developed full business suite: inventory, CRM, finance, VAT-compliant invoicing, analytics, and reporting
- Implemented role-based access control and financial dashboards
- Designed scalable architecture for growing businesses
- **Tech:** Next.js, TypeScript, PostgreSQL, MongoDB, Redis, Docker

University Learning Management System (LMS)

Official university LMS with multi-role access (Students, Instructors, Admins).

- Architected and developed a full LMS with academic management and real-time communication
- Reduced professors' grading and scheduling workload by ~70%
- Adopted as an official system by the university
- **Tech:** Next.js, Express.js, PostgreSQL, MongoDB, Socket.io, Docker

Discord Ecosystem (Bots & Dashboards)

Advanced Discord automation systems serving thousands of users.

- Built 20+ Discord bots with moderation, security, analytics, and automation features
 - Developed dashboards for server owners, bot analytics, stores, and backups
 - Optimized performance reducing response times by up to 60%
 - **Tech:** Node.js, Discord.js, React, MongoDB, Redis, WebSockets
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Experience

Lead Developer — University LMS Project

University LMS Project • Giza, EG

10/2024 - 06/2025

- Single-handedly architected and developed a **scalable** Learning Management System
- Designed **multi-role** access system and academic workflows

- Integrated **real-time chat**, **scheduling**, **grading**, and **analytics dashboards**

Full Stack Developer

Freelance • Cairo, EG

06/2023 - 05/2025

- Developed and deployed **full-stack platforms** including **service systems** and clinic management solutions
- Automated workflows (appointments, invoicing, reporting), **improving efficiency** by ~40%
- **Delivered modern, user-friendly interfaces** using Tailwind CSS

Full Stack Developer

Discord Bots • Cairo, AR

03/2020 - 12/2024

- Built and maintained advanced **Discord bots** for **large communities**
- Implemented **moderation**, **ticketing**, **analytics**, and **automation systems**

Founder

Service Platform • Cairo, EG

02/2022 - 06/2023

- Founded and launched a tech service platform providing **development** and **design solutions**
- Built **booking system** and **client portal**
- Generated **consistent** monthly revenue

Skills

JavaScript (ES6+), TypeScript (TS), Node.js, React.js, Next.js, JQuery, Tailwind CSS, Express.js, PostgreSQL, MongoDB, MySQL, SQLite, ORM, Redis, Docker, Git, GitHub, RESTful APIs, JWT Authentication, microservice, Socket.io, WebSockets, System Design, Microservices

Education

Computer Science

(O6U) October 6 University • Giza, 6th of October City

06/2025

Award: "Top Graduation Project"

- Developed a scalable university **LMS solving real** academic workflow challenges

Communication

E-mail : mhmd.elkhodari@gmail.com

LinkedIn : [linkedin.com/in/mohammed-saeed-710b03250](https://www.linkedin.com/in/mohammed-saeed-710b03250)

GitHub : github.com/matrawy-maxbot

WhatsApp : [01552913217](https://wa.me/01552913217)

Portfolio: <https://matrawy-maxbot.github.io/elkhodari-portfolio/>

Languages

Arabic, English