Mohammed Elkhodari

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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

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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

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Communication

E-mail : mhmd.elkhodari@gmail.com

LinkedIn : linkedin.com/in/mohammed-saeed-710b03250

GitHub : github.com/matrawy-maxbot

WhatsApp : 01552913217

Portfolio: https://mohammed-elkhodari-portfolio.vercel.app/

Languages

Arabic, English