

Mohammed Elkhodary

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Summary

Full-Stack Software Engineer with strong experience **designing, building, and delivering large-scale, production-ready web platforms**. Proven ability to own systems **end to end**, from architecture and backend logic to frontend interfaces and deployment. Experienced in building enterprise systems, **real-time applications, dashboards, and marketplaces**. Comfortable working independently or within distributed teams, with a strong focus on **clean architecture, scalability, and business impact**.

Key Projects

University Learning Management System (LMS)

- Architected and developed a full LMS with dedicated portals for students, instructors, and administrators
- Implemented academic workflows, real-time chat, notifications, and analytics dashboards
- Adopted as an official university system, significantly reducing administrative workload

Tech: Next.js, Node.js, PostgreSQL, MongoDB, Socket.io, Docker

Genius Global Platform

- Built a large-scale gaming and esports platform combining tournaments, leaderboards, marketplace, and rewards economy
- Designed real-time systems, secure payment flows, and scalable APIs
- Implemented monetization, notifications, and performance optimizations

Tech: Next.js, TypeScript, Node.js, MongoDB, PostgreSQL, Redis, Stripe API

Experience

Lead Developer — University LMS Project

University LMS Project • Giza, EG

10/2024 - 06/2025

- Lead the design and implementation of a university-scale LMS used by real users
- Defined system architecture, database design, and access control policies

Full-Stack Software Engineer | Product-Based Projects

Freelance • Cairo, EG

03/2022 - 05/2025

- Delivered multiple production-ready platforms across gaming, e-commerce, and business domains
- Owned full development lifecycle including requirements analysis, architecture, implementation, deployment, and maintenance
- Collaborated with stakeholders to translate business needs into scalable technical solutions

Skills

Frontend: React.js, Next.js, TypeScript, Tailwind CSS, JQuery, HTML5, CSS3

Backend: Node.js, Express.js, REST APIs, JWT Authentication, ORM

Databases: PostgreSQL, MongoDB, MySQL, SQLite, Redis

Real-Time & Messaging: Socket.io, WebSockets

DevOps & Tools: Docker, Git, GitHub

Architecture & Concepts: System Design, Role-Based Access Control (RBAC), Microservices, Event-Driven Architecture

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 : 123mohamed.clash123@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 (Native), English (Professional)