

Moheb Saeed

Software Engineer

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LinkedIn | GitHub | Portfolio |

Summary

Software Engineer with a **B.E. in Computer Engineering** specializing in full-stack web architecture using **Next.js** and **Node.js**. Proven ability to deliver production-ready, high-performance applications, orchestrate scalable **Docker** deployments, and engineer robust **REST/GraphQL APIs** in **Agile** environments.

Technical Skills

Programming Languages: JavaScript (ES6+), TypeScript, C/C++, Python, SQL

Frontend: React.js, Next.js, Angular, Redux Toolkit, HTML5, CSS3, Tailwind CSS

Backend & APIs: Node.js, Express.js, Payload CMS, RESTful APIs, GraphQL

Databases: MongoDB, Mongoose, PostgreSQL, Supabase

Testing: Unit Testing, E2E Testing, Jest, Mocha, Jasmine, Vitest, Playwright

Tools & Environments: Git, GitHub, Linux (Bash), Postman, Figma, Vercel, Docker

Education

Bachelor of Engineering — Computer Engineering & Information Technology

Modern Academy for Engineering and Technology

Cairo, Egypt

2018 – 2023

Experience

Webics Agency — Software Engineer

Nasr City, Cairo

Feb. 2026 – Present

- Architected **Webics Portfolio** with **Next.js 16+**, **Tailwind CSS**, and **Motion**. Leveraged **Docker** for scalable deployments. Implemented technical SEO (JSON-LD, OpenGraph), achieving Lighthouse score from 71 → 100.
- Engineered a secure **AI IGCSE correction system** featuring **role-based authorization** (Teacher/Assistant) via **Next.js** and **Node.js**. Accelerated automated grading by migrating n8n pipelines to a custom backend with **Mistral AI** OCR and **OpenAI APIs**, reducing load times by **50%**.
- Engineered pixel-perfect UI architectures for creative portfolios (**Seen**, **NewBeat**, **Cairaw**) using **Next.js 16+**, **Motion 12+** and **GSAP**. Eliminated CPU-bound SVG filter rasterization, achieving fluid **60fps animations** and seamless user experiences.
- Developed a scalable, bilingual (Arabic/English) property platform (**Capital Earth**) using **Next.js**, **Payload CMS**, **PostgreSQL**, and **Docker**, establishing a robust, containerized backend for property management.
- Executed seamless CMS migrations from legacy WordPress to a high-performance **Next.js** frontend (Ramez Shaker) and engineered custom **Shopify Liquid** storefronts (**SYMK**), modernizing content delivery and optimizing the e-commerce shopping experience.

Information Technology Institute (ITI) — MEARN Stack Intern

Giza, Egypt

Intensive Code Camp (ICC)

Jul. 2025 – Dec. 2025

- Achieved frontend reusability by architecting modular component systems across **React**, **Angular**, and **Next.js**, rapidly translating complex **Figma designs** to accelerate cross-framework development cycles.
- Optimized data processing and secured client authentication by engineering robust **GraphQL/REST APIs** using **Node.js** and **Express**.
- Ensured high codebase maintainability and minimized production bugs by collaborating in **Agile teams** and conducting rigorous peer code reviews via **Git/GitHub**.

LifeScience — Full-Stack Developer (Freelance)

Cairo, Egypt

Aug. 2025 – Sep. 2025

- Delivered a highly reliable **Next.js** SPA by orchestrating **Vercel** deployments with **Cloudflare SSL/TLS** to achieve zero-downtime releases.
- Maximized organic search visibility and user retention by leveraging **Static Site Generation (SSG)** and mobile-first principles, reducing initial page load times by **40%**.

Projects

EcoSphere Platform | Next.js, MongoDB, Stripe

Live Demo

- Engineered a scalable **Next.js marketplace** tailored for eco-friendly products, implementing secure authentication and strict schema validation via **Zod/React-Hook-Form** to prevent malformed writes.
- Facilitated secure, B2C financial transactions by integrating the **Stripe API**, utilizing robust webhook-based verification to eliminate dropped payments and ensure real-time ledger updates.
- Increased overall platform interactivity and user engagement by building accessible, responsive UI components with **shadcn/ui** and fluid **Motion** animations.

Certifications

Intensive Code Camp (ICC) | ITI

View Certificate

Python for AI and Machine Learning | AMIT

View Certificate

CCNA1 (Introduction to Networks) | Cisco

View Certificate

IELTS Band 7 | British Council

View Certificate