

Omar Aglan

Omar.aglan91@gmail.com — +20 102 474 1021 — omardev.engineer — github.com/OmarAglan — Kafr El-Sheikh, Egypt

Professional Summary

Full-Stack Software Engineer with strong experience in backend-focused web development using **Node.js (Express/NestJS)**, **React.js**, and **ASP.NET Core**. Skilled in designing scalable APIs, managing databases, implementing CI/CD pipelines, and delivering complete product lifecycles from architecture to deployment. Proven record leading multi-platform projects and mentoring developers as Founder & Lead Engineer at Pyramid Systems Inc.

Technical Skills

Languages: JavaScript, TypeScript, C#, C/C++, Python, HTML, CSS, SQL

Frontend: React, Next.js, Vue.js, Tailwind CSS, Bootstrap

Backend: Node.js, Express.js, NestJS, ASP.NET Core, PHP, Firebase

Databases: PostgreSQL, MySQL, MongoDB, SQL Server

DevOps / Tools: Docker, GitHub Actions, CI/CD, Git, Makefile, CMake

Architecture: REST APIs, Microservices, Authentication (JWT/OAuth2), Testing (Unit/Integration)

Professional Experience

Pyramid Systems Inc.

Founder & Lead Software Engineer

Remote — 2025 – Present

- Designed and delivered full-stack products including **Digital-Scribe** (React/TypeScript + Node.js) and **Myriad-Mind** (Python AI system).
- Architected backend services, RESTful APIs, and CI/CD pipelines using Docker & GitHub Actions.
- Oversaw full SDLC—architecture, testing, deployment, monitoring, and production support.
- Mentored junior developers and coordinated cross-functional product releases.

Rafeek Academy

Software Engineer

Egypt — 2025 – Present

- Developed full-stack web applications with React/Next.js frontends and Node.js / ASP.NET Core backends.
- Built authentication, authorization, and data-driven APIs integrated with SQL Server and MongoDB.
- Improved backend performance by 25% through query optimization and caching.

Freelance Projects

Full-Stack Engineer

Remote — 2023 – Present

- Delivered custom web solutions using React, Vue, Node.js, and PHP.
- Modernized legacy codebases with CI/CD pipelines, improving deployment reliability by 40%.
- Collaborated with international clients across multiple time zones.

Selected Projects

- **Roshta** — Prescription system (*ASP.NET Core + SQL*): Secure role-based app for doctors/patients.
- **Tracking App** — Task management (*Vue + Express + MongoDB*): Real-time updates & status tracking.
- **Budget Tracker** — Web app (*JavaScript + Tailwind*): Personal finance management tool.

Education

ALX Africa — Professional Diploma in Software Engineering, Excellent (2024–2025)

Higher Institute of MIS, Kafr El-Sheikh — B.Sc. Management Information Systems, Very Good (2018–2022)