

Naira Othman Tamer

Backend .NET Developer

Cairo, Egypt (relocating) |   +20 106 990 3646 | naira.othman.tamer@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Professional Summary

Backend .NET Developer focused on building maintainable, scalable RESTful APIs and backend services using C#, ASP.NET Core, Entity Framework Core, SQL Server, Redis, RabbitMQ, and Docker. Hands-on experience with Clean Architecture, Vertical Slice Architecture, CQRS, and DDD, authentication/authorization. Completed the intensive 6-month **Full-Stack .NET Track at ITI**, and further advanced backend engineering skills at **Elevate Tech** while working part-time as a Software Development Trainer.

Experience

Software Development Trainer (Part-time) | **EYouth** *April 2026 – Present*
o Deliver a part-time programming track from core fundamentals through web development, guiding trainees through hands-on implementation and structured development practices.

Technical Training

Backend Advanced Bootcamp (.NET Track) | **Elevate Tech** *Feb. 2026 – Sep 2026*
o Build advanced backend services with ASP.NET Core, RabbitMQ, CQRS, and Vertical Slice Architecture.
o Collaborate on team projects with structured code reviews and workflows using Jira, GitHub, and Slack.
Full-Stack Web Development (.NET) | **ITI (Information Technology Institute)** *July 2025 – Dec. 2025*
o Built RESTful APIs with ASP.NET Core, JWT authentication, Entity Framework Core, LINQ, AutoMapper, and Redis caching.
o Applied Clean Architecture, SOLID principles, Git/GitHub workflows, and Agile collaboration across team-based projects.

Selected Projects

Fitness App  *Microservices*
o Independently developed three microservices — Fitness Calculation Engine (FCE), Workout Service, and Progress Service — within a team-built fitness platform using ASP.NET Core Minimal APIs.
o Structured services with DDD and Vertical Slice Architecture and used a Factory Pattern to manage multiple database contexts.
o Implemented asynchronous, decoupled service communication with MassTransit and RabbitMQ and containerized services with Docker.

LMS Platform  *RestAPI*
o Developed an LMS REST API covering diploma and quiz content lifecycles, server-enforced timed attempts with auto-submission, and per-attempt shuffled questions and answers.
o Applied Vertical Slice Architecture, CQRS, Repository, and Unit of Work patterns, with admin analytics reporting and endpoint rate limiting.

E-Commerce Web API  *REST API*
o Developed an E-Commerce RESTful API using ASP.NET Core 10 for product catalog, shopping basket, order processing, and user management.
o Implemented filtering, sorting, searching, and pagination with Entity Framework Core using Layered Architecture, Repository, Unit of Work, and Specification patterns.
o Added JWT authentication, ASP.NET Core Identity, role-based authorization, centralized exception handling, and OpenAPI/Swagger/Scalar documentation.

UniRoute - Trip Aggregation System  *Data Aggregation*
o Designed a trip aggregation platform that consolidates bus trips from multiple companies using Playwright and HtmlAgilityPack, with on-demand scraping triggered by user searches.
o Applied Clean Architecture and FuzzySharp-based matching for data normalization and duplicate prevention.
o Automated scheduled scraping, mapping, and cleanup operations with Hangfire background jobs.

Technical Skills

Backend: C#, .NET Core, ASP.NET Core, MVC, Web API, Minimal APIs, Entity Framework Core, LINQ, Dapper
Architecture & Patterns: Clean Architecture, Onion Architecture, Vertical Slice Architecture, CQRS, DDD, Microservices, Repository, Unit of Work, Specification, Dependency Injection, SOLID, OOP, Saga Pattern
Data & Performance: SQL Server, Redis, LinqKit (PredicateBuilder), Query Optimization, Caching, Rate Limiting, async/await, Hangfire
Messaging & Integration: RabbitMQ, MassTransit, REST APIs, JWT, ASP.NET Core Identity, API Gateway
Tools: Git, GitHub, Docker, Postman, Visual Studio, Swagger/OpenAPI, Scalar, AutoMapper, Autofac, Jira, Slack

Education

Postgraduate Diploma in Computer Science *2026 – Present*
Faculty of Graduate Studies for Statistical Research, Cairo University
BS in Veterinary Medicine
Faculty of Veterinary Medicine, Assiut University