

Youssef Elsayed Elsekily

.Net Developer

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Conscription Status: Completed as Reserve Officer on April, 1st 2023

Summary

Passionate .NET Developer with 3 years of experience in the FinTech industry building web applications. Proficient in C#, Angular, and Git, with a focus on creating scalable, maintainable, and secure solutions. Holds a degree in Communication and Electronics Engineering, demonstrating strong problem-solving abilities and a dedication to continuous learning in emerging .NET technologies.

Work Experience

.NET Developer | EFG Holding | September 2025 – Present

- Designed, Developed, and maintained web applications using .NET Core, Clean Architecture, N-tier Architecture and WinForms.
- Integrated and maintained payment gateway solutions, ensuring secure and reliable transaction processing.
- Enhanced existing brokerage accounting systems by implementing new features and resolving production issues.

.NET Developer | GlobeMed | March 2025 – August 2025

- Designed, Developed, and maintained web applications using .NET Core, Clean Architecture, Outsystems, HTML5/CSS3, Bootstrap, and JS.

.NET Developer | Aman Holding | June 2023 – February 2025

- Developed and enhanced systems for Microfinance loan management and payment processing.
- Identified, diagnosed, and resolved production issues. provided bulk-fix solutions when necessary.
- Gathered requirements for new systems and designed scalable solutions to integrate into existing systems.
- Designed, Developed, and maintained web applications using .NET Framework, .NET Core, Clean Architecture, N-Tier Architecture, HTML5/CSS3, Bootstrap, and JS (jQuery).
- Integrated third-party services like I-Score and Egypt Post into existing systems.

EDUCATION

2014-2019: B.SC. Communication and Electronics Engineering, Pharos University in Alexandria.

SKILLS

- .NET Core
- .NET Framework 4.7
- WinForms
- Razor Views
- SQL
- RabbitMQ
- CQRS
- Version Control (Git, TFS)
- Clean Architecture
- N-Tier Architecture
- Docker
- JavaScript
- jQuery
- TypeScript
- Angular

Accomplishments

- Graduation Project Received funding (ITIDA) totaling **4000EGP**, also Achieved **third place** in the JAC-ECC at (E-just) in December 2018.
- Gas Leakage Alarm Project **received first place** at the Pharos Community projects Competition in 2018.

Languages

- English: Professional working proficiency.
- Arabic: Native or bilingual proficiency.

Projects

Graduation Project:

Developed an IoT-based smart agriculture solution to improve usage of irrigation water efficiency. The solution employed a combination of sensors, embedded systems, and cloud computing to optimize irrigation scheduling. The data collected from the agricultural land was transmitted to a cloud server for analysis, using machine learning algorithms to determine the optimal amount and timing of irrigation water. The system was built using Raspberry Pi as a local MQTT broker and hotspot, NodeMCUs and ATmega16 microcontrollers, and a virtual machine on Azure for data storage in a PostgreSQL database.

Installments Management ([code](#)):

a web application using .NET Core, Angular, and SQLite. The application has an Arabic interface designed to manage client information, including installment payments and payment due dates. Additionally, it has a feature to display late payments.

Roommate Finder ([code](#)):

a RESTful API built with .NET 6 and SQLite to help users find available rooms and apartments within a specified distance from their location. The API allows owners to post details about their available rooms or apartments, including rent and availability.

Workers Management ([code](#)):

an Arabic web application for managing and storing information about workers or employees, including their attendance and leaving times. The application also calculates the working duration in hours and daily salaries for the workers/employees. It was developed using ASP.Net MVC 5, HTML, CSS, Ajax, and jQuery.

Games Solver ([code](#))([deployment](#)):

an Angular project tackles various game problems such as (color tubes – matches stick puzzle - Maze). Utilizing backtracking algorithms, it guides users through step-by-step solutions to these puzzles.

Gas Leakage Alarm:

a system using Arduino and ESP8266 to detect gas levels and trigger an alarm via SMS to a user's mobile phone. The system utilizes IFTTT to handle HTTPs requests and send the alarm.