

**Yousef Refat Awad**  
**Backend Developer**  
Egypt, El Mansoura  
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## Summary

A passionate software developer with strong skills in Object-Oriented Programming (OOP), database management using MS SQL Server, and proficiency in programming languages such as C++, C#, and JavaScript, dedicated to building efficient and scalable software solutions.

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## Projects

### Internet Subscription System with Stripe Integration

**Technologies:** ASP.NET Core, Stripe API, C#, SQL Server, ASP.NET Core Identity, Entity Framework.

- Developed a subscription management platform with secure Stripe integration supporting online payments and automated recurring billing.
- Added a client installation scheduling module to streamline onboarding and enhance operational efficiency.
- Built and optimized an ASP.NET Core API for high reliability, scalability, and accurate synchronization with Stripe webhooks and billing events.

### Dev Assistant (C# Utility for Database & Code Management):

Built a C# utility to automate database validation, backup, and code generation. Ensured GUID-based ID validation, generated SQL Server backups, and produced strongly typed C# classes from database tables to accelerate development and maintain clean architecture.

**Technologies:** C#, .NET, SQL Server

- Automated repetitive database maintenance tasks
- Generated controllers, services, domain classes, and DTOs directly from database schemas.

### Company Portfolio Data Management System

**Technologies:** C#, WinForms, SQL Server, Entity Framework.

- Developed a WinForms-based desktop system for managing and updating the company's website portfolio content.
- Implemented modules for handling projects, services, media assets, and client information with streamlined CRUD operations.
- Enabled synchronization between the desktop application and the website to ensure consistent and accurate content delivery.
- Improved internal workflows by centralizing data management and reducing manual update overhead.

### DVLD (Driving & Vehicle Licensing Department) System

**Technologies:** C#, .NET, SQL Server, ADO.NET

- Implemented 3-tier architecture to improve modularity and maintainability.
  - Optimized 30+ SQL queries supporting 10,000+ monthly users.
  - Implemented data validation rules, decreasing application errors.
  - Automated license renewal process handling.
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# Experience

## Backend Developer Freelancer

December 2023 - Present

- Built Simple Bank System using C++.
- Developed a fully functional DVLD System.

## Certificates & Courses

- C# Programming Level 2 – Programming Advices, 2024
- Database – SQL (Projects & Practice) – Programming Advices, 2024
- Algorithms & Problem-Solving Level 4 – Programming Advices, 2024

Technical Skills	Soft Skills	Languages	Personal Information
<ul style="list-style-type: none"><li>• .NET Core</li><li>• Backend development</li><li>• Web development</li><li>• Windows Forms</li></ul>	<ul style="list-style-type: none"><li>• Time Management</li><li>• Strategic Planning</li><li>• Problem Solving</li><li>• Teamwork</li></ul>	<ul style="list-style-type: none"><li>• Arabic (Native)</li><li>• English (Fluent)</li></ul>	<ul style="list-style-type: none"><li>• Date of Birth: 09/09/2004</li><li>• Military Status: Postponed</li></ul>

## Education

Bachelor of Business Information Systems (BIS) – Tanta University  
Grade: Excellent | 2023 - 2027