

# Kirolos Magdy

3rd-Year Faculty of Science Student  
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## Objective

Professional .NET Core Backend Developer with strong experience in building scalable web applications using ASP.NET Core, C#, and SQL Server, alongside solid knowledge of HTML, CSS, and JavaScript. Contributed to the development of large-scale business systems and enterprise-level web applications, focusing on business logic, data integrity, performance, and security. Successfully delivered 20+ projects as a freelancer, including reservation systems and business websites, with hands-on experience in real server environments, deployment, and maintenance. Committed to clean, maintainable code, well-structured architectures, and on-time delivery.

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## Education

- **Faculty of Science: Software Industry and Multimedia**  
Alexandria, Egypt - Expected Graduation: 2027
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## Internships

- **Full Stack Web Development using .NET Core**  
Digital Egypt Pioneers Initiative (DEPI), 2025
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## Work Experience

11/2025

### Full Stack Developer (Freelance)

- Designed, developed, and deployed full-stack web applications using ASP.NET Core, SQL Server, HTML, CSS, JavaScript, and Bootstrap.
- Built and maintained backend business logic and database structures with a focus on performance, security, and scalability.
- Handled server setup, configuration, and deployment on real production environments.
- Provided ongoing technical support, system optimization, and issue resolution for live client projects.

09/2023

### IT Support (Freelance)

- Installed and configured software and applications for clients.
- Diagnosed and resolved Windows operating system issues.
- Provided basic troubleshooting for hardware and network problems.
- Assisted clients with system performance optimization.

01/2021 -09/2023

### Vooc Store - Alexandria

Salesman at Mobile Accessories store.

## Projects

- **HotelBookingPlatform :**  
Full-stack web application for hotel reservations featuring advanced room search and filtering, real-time availability, secure authentication, online payment processing, and a comprehensive admin dashboard for managing hotels, rooms, bookings, users, and reports. Built with a strong focus on performance, security, scalability, and a responsive user experience.
- **Gold & Jewelry Management System:**  
Enterprise-level system for managing multi-branch gold and jewelry stores, including inventory tracking by weight and piece, dynamic pricing, sales and purchase operations, user roles and permissions, financial reports, and audit trails. Implemented complex calculation formulas for gold purity, weight conversions, labor cost, taxes, profit margins, and real-time pricing using a dedicated formula engine/library to ensure high precision, flexibility, and data integrity.
- **E-commerce Website :**  
Responsive electronics store with clear product display and easy shopping flow.
- **Advanced E-commerce Platform :**  
Electronics website with better UI, shopping cart, and dynamic product pages.
- **Restaurant Website :**  
Mexican restaurant site with smooth navigation and simple, user-friendly design.
- **Religious Content Website :**  
JSON-based site showing Verse of the Day, Sermons, Mysteries, Liturgy, and Bible.
- **3D Racing Game (Unity, C#) :**  
Used the Unity technology to create a 3D racing game for cars.

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## Technical Skills

- **Backend Frameworks & Platforms:**  
ASP.NET Core, .NET Core (MVC), Entity Framework Core
- **Database & Data Access:**  
SQL Server, LINQ, Stored Procedures, Query Optimization
- **Tools & Technologies:**  
Entity Framework Core Power Tools, Visual Studio, Git, SQL Server Management Studio (SSMS), Postman
- **Web Technologies :**  
HTML, CSS, JavaScript , Bootstrap
- **Core Backend Concepts:**  
Object-Oriented Programming (OOP), Clean Architecture, Layered Architecture, RESTful Architecture, Dependency Injection, Authentication & Authorization, Data Validation, Performance Optimization, Error Handling, Logging, and Security Best Practices.

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## Soft Skills

- Communicate confidently with superiors, peers and subordinates
- Achieve maximum time effectiveness
- Display a high degree of honesty, loyalty and integrity
- Explore new paths, procedures and approaches

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## Languages

- English (Fluent)
- Arabic (Native)