

Omar Amir Khalel

Full Stack Software Engineer

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SUMMARY

An enthusiastic communications engineering student with a focus on Full Stack .NET Web Development and strong C++ programming skills. Passionate about continuous learning, effective team collaboration, and achieving shared goals. Through participation in student activities, I've developed excellent communication and leadership abilities. Eager to apply academic knowledge in an innovative, teamwork-oriented work environment.

EDUCATION

- Student at the faculty of Engineering, Beni Suef University. Oct 2023 – Jun 2028
- Major: Communication and Electronics
- Last year Grade: Excellent (91.73%)

INTERSHIP (EXPERINCE)

- **. Full Stack .NET Web Developer at Digital Egypt Pioneers Initiative – DEPI**
June 2025 – Till now.
 - - Developed full-stack web apps using C#, ASP.NET Core (MVC & Web API), SQL Server, HTML, CSS, and JavaScript.
 - Applied Entity Framework, unit testing, Docker, and Git/GitHub for software engineering best practices.
 - Delivered a capstone project simulating real-world business requirements with teamwork and freelancing skills.
- **. NET Core Summer Camp Trainee ITI (One Month)**
Aug 2025 – Till now
 - Participating in a 60-hour Summer Camp focused on ASP.NET Core Fundamentals, covering Web Applications Development, MVC Architecture Pattern, and Entity Framework & LINQ.
- **Full Stack .NET Web Developer at Programming Advices**
Oct 2024 – Till now
 - Completed 16/24 courses in a comprehensive .NET development roadmap, mastering C#, C++ fundamentals, OOP, SQL, and front-end technologies like HTML, CSS, JavaScript and Bootstrap.
 - Enhanced problem-solving skills through algorithmic challenges across 6 levels, achieving a 90% success rate and progressing to advanced data structures and Windows Services development.

TECHNICAL SKILLS

- **Programming Languages:** C#, C++, JavaScript
- **Frameworks & Libraries:** ASP.NET Core, Entity Framework, MVC, ADO.NET, Bootstrap
- **Web Development:** HTML5, CSS3, RESTful APIs
- **Databases:** SQL Server, T-SQL, Database Connectivity with C#
- **Tools & Methodologies:** Git, GitHub, Docker, Agile, Problem Solving, Software Engineering
- **Other:** Object-Oriented Programming, Data Structures, Windows Services

PERSONAL SKILLS

- Self-Studying
- Multi-tasker
- Teamwork
- Creativity
- Critical thinking

PROJECTS

- **Bank Management System (Console Application)**
 - Developed a console-based banking system in C# for managing client accounts, including CRUD operations (Create, Read, Update, Delete) on client data stored in a text file for persistence.
 - Implemented transaction features such as deposit, withdrawal, and total balance views, with validations for unique account numbers, sufficient funds, and PIN codes, handling 100+ client records efficiently.
 - Utilized Structures for data modeling, lists for collections, file I/O for storage, and Enums for menu navigation, resulting in a robust application with error handling that improved data integrity by 100%.
- **XO Game (Windows Forms Application)**
 - Developed a Tic-Tac-Toe (XO) game using Windows Forms in C# with a simple and interactive UI. Implemented game logic and win conditions. Enhanced user experience with error handling and visual effects.
- **Pizza Orders (Windows Forms Application)**
 - Built a multi-form C# application simulating a pizza ordering system with dynamic price calculations based on size, crust, and toppings.
 - The project features a user-friendly UI for selecting size, crust, and toppings. It manages the user flow from initial order to a final summary, and includes a form reset function.

LANGUAGES

- **Arabic:** Native
- **English:** Good