Arwa Ahmed Khalil *Full-Stack Developer using .NET*

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📍 Cairo, Egypt   in Arwa-Khalil

○ Arwa Khalil

Profile

Full Stack Developer specializing in the .NET ecosystem with experience in Angular for front-end development. Skilled in building secure, scalable web applications using ASP.NET Core, C#, Angular, and SQL Server. Passionate about clean, efficient code and seamless front-end & back-end integration. Strong problem-solving, teamwork, and communication skills with a focus on delivering high-quality solutions.

Internships

07/2025 – 12/2025 Aswan	**.NET Full Stack Intensive Training Program** *Information Technology Institution ITI* Completed advanced courses in ASP.NET Core, MVC, Web API, Angular, Entity Framework, and SQL Server, with hands-on projects integrating front-end and back-end development.
03/2025 – 06/2025 Aswan	**Software Development Web Fundamentals** *Information Technology institution ITI* Completed foundational courses in C#, OOP, Data Structures & Algorithms, SQL, Git, HTML, CSS, and JavaScript.

Projects

11/2025 – 01/2026

Shef`ay (SmartPharmacy) -Pharmacy Management System

Shef`ay is a comprehensive pharmacy management platform designed to help pharmacy owners, suppliers, and administrators streamline daily operations. The system provides services such as medicine and stock management, order processing, tender and proposal workflows, financial payouts, reporting, and real-time notifications through a secure, centralized platform. The project includes a .NET-based back-end API and a modern Angular front-end dashboard for managing all workflows efficiently.

Full Stack Development (ASP.NET Core & Angular)

- Developed a scalable ASP.NET Core Web API for managing pharmacies, medicines, stock, orders, and financial operations.
- Built a modern Angular dashboard for administrators, pharmacy owners, and suppliers to manage system workflows efficiently.
- Designed and implemented RESTful APIs with proper validation, error handling, and role-based authorization.
- Implemented secure authentication and authorization using JWT and role-based access control.
- Created responsive, user-friendly Angular interfaces for CRUD operations, reporting, and real-time data visualization.
- Designed and implemented database models and relationships using Entity Framework Core and SQL Server.
- Optimized queries and improved system performance for large datasets.
- Integrated SignalR for real-time notifications and live updates in both the API and Angular UI.
- Applied clean architecture principles for maintainable and testable code.

Technologies: ASP.NET Core, C#, Entity Framework, SQL Server, Angular, SignalR, JWT, REST APIs

Experience

Freelance Full Stack

Online Platforms (Khamsat & Mosteql)

- Designed and developed responsive web applications.   -Customer Review ↗
- Optimized website performance and ensured cross-browser compatibility.   -Customer Review ↗
- Collaborated with clients to deliver customized web solutions.   -Customer Review ↗

Skills

Back-End Development

- ASP.NET Core, ASP.NET MVC, Web API, Entity Framework, LINQ

Programming Languages:

- C#, JavaScript, TypeScript, HTML5, CSS3, SQL

Tools & Platforms:

- Visual Studio, VS Code, Git, GitHub, Postman

Concepts & Practices:

- OOP, MVC Pattern, RESTful APIs, Dependency Injection, Middleware, Model Binding, Authentication & Authorization, SDLC, Agile Development

Front-End Development

- Angular, Bootstrap, Tailwind , jQuery, Responsive Design, AJAX

Frameworks & Technologies:

- ASP.NET Core, ASP.NET MVC, Web API, Angular, Entity Framework, LINQ, Bootstrap, jQuery

Databases:

- SQL Server, Database Design, Query Optimization

Soft Skills

- Problem-Solving, Analytical Thinking, Teamwork, Adaptability, Communication, Attention to Detail

Education

2020 – 2024 Aswan, Egypt	**Bachelor of Languages and translation, English department** *Al-Azhar University*

Certificates

English for Business and Entrepreneurship Self-Paced MOOC 2022

The Online Professional English Network is a program sponsored by the U.S. Department of State with funding provided by the U.S. Government and administered by FHI 360.

Digital Marketing Nano Degree Certificate

Successfully completed The Digital Marketing Challenger Track.

Scholarship sponsored by Udemy.

Languages

Arabic
Native

English
Excellent