

KHALED AHMED EZZAT

.NET Backend Developer | Software Engineer

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PROFESSIONAL SUMMARY

Junior .NET Backend Developer with hands-on experience building high-performance web applications and RESTful APIs using C#, .NET Core, and the Microsoft technology stack. Proficient in OOP, ASP.NET MVC, ASP.NET Core Identity, and JWT authentication. Solid command of SQL Server, T-SQL, complex queries, and database design via Entity Framework Core. Delivered and hosted real-world API projects end-to-end — with a strong focus on scalability, performance tuning, clean architecture, DTOs, and dependency injection. Open to relocation. Ready to contribute from day one.

EXPERIENCE

.NET Backend Developer – E-commerce Project | ITI Training Project

Feb 2026

C# • .NET Core • Onion Architecture • SQL Server • Entity Framework Core

- Improved API response performance across 8+ endpoints, reducing query execution overhead by optimizing LINQ expressions and applying efficient EF Core data access patterns — resulting in faster, more scalable data retrieval under simulated load
- Improved long-term maintainability across 3+ core modules, measured by zero cross-module dependency violations, by enforcing Onion Architecture, SOLID principles, and conducting internal code reviews throughout the development cycle
- Implemented the Orders module end-to-end — domain models, business logic, and data access — using Entity Framework Core, T-SQL queries, and SQL Server with a focus on database design and performance tuning
- Wrote unit tests covering critical business logic paths using xUnit, ensuring system reliability and catching regressions early in the development lifecycle
- Participated in code reviews, enforcing clean code standards and debugging sessions to identify bottlenecks and maintain high-quality, scalable architecture

Backend Developer – Mazaj E-commerce Platform | Team Project

Oct 2025

Node.js • Express.js • MVC • JWT • SQL • MongoDB

- Delivered and optimized RESTful APIs serving 4+ modules using Node.js and Express.js following MVC architecture, improving system throughput and response consistency across all endpoints
- Implemented secure JWT authentication and authorization, protecting all sensitive endpoints — measured by zero unauthorized access incidents during team testing cycles
- Designed hybrid database architecture using SQL and MongoDB, selecting the appropriate engine per data model to balance query performance and flexibility
- Collaborated cross-functionally with frontend developers to ensure seamless backend-frontend integration, delivering all services on schedule
- Applied unit testing with Jasmine to validate API behavior and catch regressions early in the development cycle

EDUCATION

Bachelor's in Information Technology | South Valley University – Faculty of Computers & Information,

Qena

2021 – 2025

- Graduation Project: Automatic Irrigation System — Grade: A+

TRAINING & CERTIFICATIONS

Full Stack .NET Backend Development Track | *Information Technology Institute (ITI) – Qena Branch*
Jan 2026 – Present

Software Engineering Fundamentals Track | *Information Technology Institute (ITI) – Qena Branch*
Jul – Dec 2025

- NTI – HCIA-AI Certification
- Soft Skills Training – McKinsey Academy
- Node.js Backend Development Track

TECHNICAL SKILLS

Backend: C#, .NET Core, ASP.NET Web API, ASP.NET MVC, ASP.NET Core Identity, JWT Authentication, Onion Architecture, OOP, Design Patterns, LINQ, Dependency Injection, DTOs, Performance Tuning, Debugging

Databases: SQL Server, T-SQL, Complex SQL Queries, Database Design, Entity Framework Core, MongoDB, Relational DB Design

CS Fundamentals: Data Structures & Algorithms, Problem Solving

Node.js / Backend: Node.js, Express.js, REST APIs

Testing: Unit Testing, xUnit, Jasmine

AI: Generative AI, Prompt Engineering, AI Integration

Frontend: JavaScript (Advanced), ES.Next (ES6+), Angular, HTML, CSS, Bootstrap

Tools: Git, GitHub, WordPress, WooCommerce, Elementor

Soft Skills: Problem Solving, Critical Thinking, Communication, Presentation

PROJECTS

RESTful API – Product & Inventory Management (*Live / Hosted on MonsterASP.net*)

ASP.NET Core Web API · C# · JWT · ASP.NET Core Identity · SQL Server · EF Core · DTOs · Dependency Injection

- Delivered a fully hosted RESTful API serving 5 core modules (Products, Categories, Suppliers, Authentication, Roles), measured by successful live deployment on MonsterASP.net, by implementing ASP.NET Core Web API with JWT, Identity, DTOs, and Dependency Injection from scratch
- Implemented role-based access control (Admin/User) using ASP.NET Core Identity and JWT — securing all endpoints with zero authentication vulnerabilities across all tested scenarios
- Applied DTOs for all request/response models and T-SQL-backed database design, ensuring clean data contracts and optimized query performance across all modules
- Configured and deployed the API on MonsterASP.net — handling environment setup, connection strings, and live API verification end-to-end

E-commerce Web App – ASP.NET MVC (*Academic Project*)

ASP.NET MVC · C# · SQL Server · Entity Framework Core

- Developed a full-stack e-commerce web application using ASP.NET MVC, implementing product listing, cart, and order management features
- Designed and managed a relational SQL Server database schema covering products, categories, and orders using Entity Framework Core
- Practiced clean MVC separation of concerns — organizing Controllers, Views, and Models for readable, maintainable code

E-commerce Desktop App

C# · .NET · WebView2 · HTML / CSS / JS

- Desktop e-commerce application built with C# (.NET) integrating a WebView2-hosted frontend (HTML/CSS/JS)

Food Ordering Website – JavaScript SPA

JavaScript (ES6+) · HTML · CSS

- Dynamic single-page web app allowing users to build and customize meals with real-time ingredient updates using ES.Next features

Matbakhna – Multi-vendor Food Platform

WooCommerce · WordPress · PHP

- Built a multi-vendor marketplace on WooCommerce with custom theme and plugin modifications

LANGUAGES

Arabic: Native **English:** Fluent (B2)