

KHALED IBRAHIM

JUNIOR BACKEND .NET DEVELOPER

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PROFILE

Junior backend developer skilled in C# and ASP.NET Core, with hands-on experience building backend systems using SQL Server and Entity Framework Core. Delivered multiple full projects spanning REST APIs, real-time messaging, and distributed systems, gaining practical, production-oriented skills from each. Seeking a Junior Backend .NET Developer position where I can contribute to building scalable backend applications while continuing to grow as a software engineer.

EDUCATION

Bachelor of Computer Science — Computers and Artificial Intelligence

2022 – 2026

Assiut National University • GPA: 3.0 / 4.0

CERTIFICATIONS & TRAINING

AWS Cloud Architect Track — National Telecommunication Institute (NTI) Completed, 2026 · Grade: 98.5%

- Completed hands-on training in AWS Cloud Foundations and Solutions Architecture (compute, storage, database, networking, security)
- Currently preparing for the AWS Certified Solutions Architect – Associate (SAA-C03) exam

Full Stack .NET Web Developer — Digital Egypt Pioneers Initiative (DEPI) In Progress, expected Dec 2026

- 6-month intensive program covering the full .NET web stack — front-end fundamentals through backend APIs and deployment

PROJECTS

FitZone — Online Fitness Platform

Backend Developer · ASP.NET Core, C#, Entity Framework Core, SQL Server, JWT Authentication, SignalR, REST APIs

- Developed scalable RESTful APIs for workout programs, nutrition plans, and user management
- Implemented JWT authentication and role-based authorization for secure access control
- Designed and managed the SQL Server database using Entity Framework Core
- Integrated SignalR to enable real-time messaging between users
- Applied Repository and Unit of Work design patterns for maintainable, testable code

Distributed Database System

Backend Developer · Go, Python, Node.js, SQL Server, REST APIs

- Developed a distributed database architecture with a Go-based API Gateway and worker nodes
- Implemented REST-based communication between distributed services
- Integrated SQL Server for centralized data storage and consistency

GenZSharp Compiler

Developer · C#, .NET

- Designed and implemented a custom programming language compiler
- Built the lexical analysis, parsing, and semantic analysis stages
- Developed a desktop application for compiling and running source code

TECHNICAL SKILLS

Programming Languages: C#, SQL, Go, Python, JavaScript

Backend Development: ASP.NET Core Web API, RESTful APIs, Entity Framework Core, JWT Authentication, SignalR

Databases: SQL Server, Database Design, Entity Framework Core

Software Engineering: OOP, SOLID Principles, Repository Pattern, Unit of Work Pattern, Clean Architecture, Dependency Injection

Tools: Git, GitHub, Visual Studio, Visual Studio Code, Postman, Swagger

Cloud: Docker (basic), Cloud Computing fundamentals

SOFT SKILLS & LANGUAGES

Problem Solving • Teamwork • Communication • Time Management • Adaptability • Critical Thinking • Attention to Detail

Arabic — Native **English** — Professional Working Proficiency