

# Enas M.

## Senior .NET Developer

### SUMMARY

- Qualified software technical lead developer with 13+ years of experience in tech - 13 years+ of experience with .NET - Developed more than 12 projects in teams, starting from 1 developer to 7 developers - Experience working with distributed systems such as database distributed systems in Azure, messaging queuing such as Kafka, Firebase, and signal R - experience in implementing complex projects that have high-load and big-scale transactions, such as traffic violation systems for the government, TEdata invoice collection - Available to work in the US East Coast time zone 3 times per week - Upper-Intermediate English

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	.NET (13 yr.)
<b>Programming Languages</b>	JavaScript, TypeScript
<b>.NET Platform</b>	ADO.NET, ASP.NET Core Framework, ASP.NET MVC, Azure, Entity Framework, LINQ, .NET (13 yr.), SignalR
<b>JavaScript Frameworks</b>	Angular, AngularJS, jQuery
<b>Java Libraries and Tools</b>	JSON
<b>Databases &amp; Management Systems / ORM</b>	Firebase, Microsoft SQL Server, PostgreSQL
<b>UI Frameworks, Libraries, and Browsers</b>	Ajax, Bootstrap, CSS, HTML, jQuery
<b>Cloud Platforms, Services &amp; Computing</b>	AWS, Azure
<b>Methodologies, Paradigms and Patterns</b>	Agile, Design patterns, microservices architecture, MVC, SOLID
<b>Deployment, CI/CD &amp; Administration</b>	Ansible, CI/CD, DevOps
<b>Web/App Servers, Middleware</b>	Azure DevOps Server (ex TFS Team Foundation Server), Internet Information Services (IIS)
<b>Version Control</b>	BitBucket, Git
<b>Platforms</b>	Firebase
<b>Message/Queue/Task Brokers</b>	Kafka
<b>QA, Test Automation, Security</b>	Postman

<b>SDK / API and Integrations</b>	Swagger, Web API
<b>Third Party Tools / IDEs / SDK / Services</b>	Web Services
<b>Other Technical Skills</b>	Ef, Messaging Queues, Signal R, SQL Server 2012

## EXPERIENCE

### Senior .NET Engineer (CrossWorkers)

04/2022 to Current

- Leading a team of Front-end and Mobile developers.
- Upgrading the old.net Framework systems into the latest .net Core (.net Core 6 and Entity Framework core 6).
- Building the backend for the system.

**Skills:** .NET Core · ASP.NET Web API · SQL Azure · Firebase · Microsoft Azure · Jira · Microservices · Entity Framework (EF) Core · Signal R ·

### Software Development Team Leader (Nagwa)

01/2020 to 04/2022

- Managed a team of 6 developers.
- Conducted meetings with the owners to get the requirements they wanted for their software.
- Participated in the Agile process to manage the deliverables.
- Analyzed and designed relational databases using SQL Server 2012, and PostgreSQL.

### Senior .NET Engineer (Hindawi Publishing Corporation)

01/2017 to 01/2020

- Led a group of 3 developers.
- Performed meetings to know the requirements for building new software.
- Developed, Debugged, and modified new software components and maintained the existing ones based on SOLID Principles.

**Skills:** React.js · .NET Core · SQL · AngularJS · angular 9

### Software Developer (Hindawi Publishing Corporation)

05/2012 to 01/2017

- Responsible for a group of 3 developers and acted as a project owner for three websites.
- Build databases and table structures following n-tier architecture methodology for web applications.



- Develop object-oriented software, Debug and modify software components.
- Maintain existing applications, design, and deliver new applications.
- Analyze and design relational databases using SQL Server 2012.
- Work closely with clients to establish problem specifications and system designs.

### Software Developer (Inotek Systems)

10/2009 to 05/2012

- Built, tested, and maintained web and desktop-based business applications built on Microsoft technologies.
- Got and documented the user's requirements and prepared reports, manuals, and other documentations needed.

## EDUCATION

**Bachelor of Computer Science: Information Systems Department, Faculty of Computer and Information Sciences - Ain shams UNI.**

2009

## CERTIFICATIONS

- Advanced Cloud DevOps: (Udacity) 02/2023
- ICAgile Certified Professional (ICP): (Agile Fundamentals) 11/2018

## ACHIEVEMENTS

1. **DKH System (Data Know How):** Upgrade the existing (old) System implemented using .net framework 4.6 to the latest core version (ASP .Net Core 6 and Entity Framework Core 6) that makes it faster by three times.
2. **Workflow Engine (Content Development System):** Implement a new Engine that dynamically generates workflows given its states, rules, transitions, and integrations mentioned in a given XML. This Engine facilitates and reduces the time consumed in implementing these workflows from scratch from 2 months to 2 days.
3. **CDS (Content Development System):** Organizes workflow between different teams inside the Content unit.
4. **CPS (Content Production System):** Manages workflow between the departments inside the Production unit.
5. **OPS (Online Proofing System):** Providing Online editing, commenting, highlighting, and submitting the Author's papers before publishing to the Company's website.
6. **CTS (Complaints Tracking System):** Organizes the flow of the complaints inside The Company, starting from the complainer and ending with the solution to these complaints.
7. **QMS (Quality Management System):** Applying the ISO standards and Quality policies for the company, setting the Company's goals, and follow-up with the achievements of these goals.



8. **Traffic System** (Violation Collection system): Complete Traffic system for the General Department of Traffic in Egypt's Government. (Violations and catching stolen cars System).
9. **LinkDotNET** (Home collection system): Collect the invoices' fees from the clients from home with the corresponding plan in time using HandHeld, with a complete reporting system.
10. **Bus Tracking System**: for School buses that sends SMS messages to the parent if the bus becomes near to their homes, and many other functionalities using HandHeld.
11. **Watanya Gas Station RFIDs Payment Cards**: A Payment system using RFIDs CARDS in WATANYA Gas stations (Handheld + Complete CRM).
12. **Car BlackBox**: Integrated system with Alfa Technologies for violations system with additional BlackBox attached to the car (Handheld).

