

# Mohamed Bashir

Backend Developer

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## PROFILE

Backend Developer passionate about engineering scalable, high-performance enterprise systems, with 4+ years of experience delivering production-grade .NET applications across transportation, government, and financial services sectors. Proficient in ASP.NET Core, microservices architecture, Entity Framework, and SQL Server/Oracle databases, with hands-on experience in cloud deployment (Azure, AWS) and containerization. Strong foundation in clean code practices, RESTful APIs, and database optimization.

## EXPERIENCE

### The Egyptian Credit Bureau “i-Score”

Nov 2025 – Present

- Developed and maintained scalable backend services using ASP.NET Core, integrated with Angular frontends.
- Designed and optimized SQL Server and Oracle databases; wrote complex queries and stored procedures.
- Designed modular microservices in ASP.NET Core, enabling independent deployment of payment processing and user management.
- Implemented authentication/authorization (JWT, OAuth) and security best practices.
- Deployed applications to Azure/AWS and containerized using Docker.

### Transport Information Technology (TransIT)

Sep 2021 – Nov 2025

- Engineered high-performance REST APIs with ASP.NET Core and EF Core, cutting response times from 300ms to 150ms.
- Delivered 5–7 feature releases monthly and resolved 10–15 production issues weekly, achieving 98.5% uptime.
- Devised rigorous testing strategies, reducing post-deployment bugs by 40% across 12 major releases.
- Optimized .NET code and SQL queries, increasing concurrent user capacity by 25%.
- Streamlined deployment with CI/CD pipelines, shortening release cycles by 15% and saving 10 hours weekly.

### IBM — AI Analyst Internship

Oct 2020 – Nov 2020

- Built NLP chatbots using IBM Watson Assistant, improving response accuracy by 25%.
- Trained ML models on IBM Cloud, increasing classification accuracy and reducing training time by 15%.

## TECHNICAL SKILLS

**Languages:** C#, Python, SQL, PL/SQL, JavaScript

**Frameworks:** ASP.NET Core Web API, ASP.NET MVC, Web Forms, .NET Framework, Django

**Architecture:** Clean Architecture, Microservices, SOLID, OOP, Design Patterns, DI

**Data & Tools:** EF Core, LINQ, JWT, OAuth 2.0, Serilog, SignalR, SQL Server, Oracle, Crystal Reports

**DevOps & Cloud:** Docker, Azure Pipelines, GitHub Actions, Microsoft Azure, AWS, Git

## SELECTED PROJECTS

### Bus Rapid Transit (BRT) Ticketing System

ASP.NET Core Web API, EF Core, SQL Server

On-site & online booking serving 500+ daily passengers across 12+ stations; cut booking response time 40% at 10,000+ monthly transactions.

### Capital Taxi — Ride-Hailing Platform

ASP.NET Core, EF, SignalR, SQL Server

Real-time ride-hailing backend supporting 100+ concurrent users; boosted query speed 40% and onboarded 200+ drivers monthly.

### Baghdadi Toll Station Collection System

.NET Core, Django, SQL Server, RFID

Toll system processing 50,000+ monthly transactions; RFID integration automating 95% of vehicle detections.

### Road Advertisement Licensing System (GARB)

.NET 7, EF Core, SQL Server

Licensing workflow automation for 100+ monthly licenses; reduced approval time 35%, saving 12 hours weekly.

### Lung & Colon Cancer Diagnosis (Graduation Project)

Python, Deep Learning, CNN

Deep-learning model for medical image classification detecting lung & colon cancer. Graded A+.

## EDUCATION

Zagazig University — B.Sc. Computers and Informatics

Jul 2021