

# Mahir Bugra Yasar

## Full Stack .NET Developer

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### PROFESSIONAL SUMMARY

Full Stack .NET Developer with experience designing and shipping scalable, event-driven backend systems using ASP.NET Core, C#, Entity Framework Core, and MSSQL. Builds microservices with asynchronous messaging (RabbitMQ, MassTransit), real-time communication (SignalR), distributed caching (Redis), full-text search (ElasticSearch), and cloud-native storage (Cosmos DB, MongoDB). Works across the stack with Vue.js/React.js and applies SOLID, TDD, and Onion Architecture in Agile teams.

### TECHNICAL SKILLS

**Languages & Frameworks:** C#, ASP.NET Core, .NET 6/7, Entity Framework Core, T-SQL, JavaScript

**Frontend:** Vue.js, React.js, React Native (Basic), DevExtreme

**Architecture & Patterns:** Onion Architecture, Microservices, SOLID, Clean Code, N-Tier, DI

**Backend & APIs:** RESTful API, SignalR (Real-Time), JWT, OAuth, Swagger

**Databases & Storage:** MSSQL, Azure Cosmos DB, MongoDB, ElasticSearch, Redis

**Messaging & Caching:** RabbitMQ, MassTransit, Redis Distributed Cache

**Testing & Quality:** TDD, Unit Testing (xUnit, NUnit)

**Tools & Collaboration:** Git/GitHub, Docker (Basic), Postman, Swagger, Agile (Scrum/Kanban), JIRA

### PROFESSIONAL EXPERIENCE

#### Lolovy

Aug 2025 - Oct 2025

Backend Developer

- Engineered a social and content-sharing platform from scratch using ASP.NET Core, C#, Vue.js, and MSSQL, designing 5 modular microservices (User, Content, Music, Order, Notification).
- Implemented event-driven asynchronous communication between all 5 microservices with MassTransit and RabbitMQ, decoupling services and improving fault tolerance.
- Built a real-time notification system with SignalR, delivering instant updates to users without page refreshes.
- Integrated ElasticSearch for feed and content indexing, enabling fast full-text search across the platform.
- Implemented Redis for distributed caching and locks, reducing redundant database queries and improving API response times.
- Designed the data layer on Azure Cosmos DB and MongoDB for flexible, cloud-native storage, and applied SOLID principles and Onion Architecture throughout for a cleanly layered, testable codebase.

#### CTS Software

Feb 2024 - May 2024

Full Stack Developer

- Built scalable web applications using ASP.NET Core, C#, Vue.js, and DevExtreme for the company's internal and client-facing tools.
- Implemented secure JWT and OAuth authentication across all application modules.
- Optimized database queries with EF Core and LINQ, improving query execution speed.
- Documented RESTful API endpoints with Swagger and wrote unit tests aligned with SOLID and Onion Architecture to improve code reliability.

#### MZM Software

Jul 2023 - Nov 2023

Backend Developer

- Developed and maintained enterprise backend systems on a microservices architecture using ASP.NET Core, C#, EF Core, ElasticSearch, Azure Cosmos DB, Redis, and RabbitMQ to improve scalability and throughput.
- Collaborated with frontend teams across distributed environments to ship new features with seamless API integration.

### EDUCATION & CERTIFICATIONS

#### Manisa Celal Bayar University

Bachelor's Degree - Software Engineering

#### BAU Wissen Akademie - Full Stack Programming Certificate

Jun 2023 - Dec 2023

Completed an intensive Full Stack programming course focused on modern development technologies, guided by instructor Erkan Hoyman.

#### Hour of Code'21 Instructor Certification - Manisa Celal Bayar University

Nov 2021