

28 MUST KNOW .NET LIBRARIES



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#1 - ORM



EF Core

A lightweight ORM for interacting with databases using LINQ.

Dapper

A simple and fast micro ORM for efficient database interactions.



#2 - API FLOW



SignalR	A library for adding real-time web functionality to .NET apps.
FluentValidation	A fluent API for building strongly-typed validation rules.
YARP	A library for building custom proxies.
MediatR	A library for decoupled communication between components.



#3 - TESTING



Testcontainers	Provides disposable containers for integration and end-to-end testing.
Shouldly	For writing readable and maintainable test assertions.
NSubstitute	A library for creating mock objects in unit tests.
Bogus	A simple library for generating fake data.



#4 - LOGGING



Serilog	A structured logging library with various output formats and destinations.
NLog	A flexible logging platform with support for multiple targets.



#5 - DI



Microsoft.Extensions.DependencyInjection	The default dependency injection framework used in ASP.NET Core.
Scrutor	Adds assembly scanning and registration conveniences to .NET Core DI.
Autofac	A powerful IoC container for advanced dependency management.



#6 - BACKGROUND TASKS



Hangfire	A library for scheduling and executing background jobs with persistence.
Quartz.NET	A feature-rich scheduler for job execution in .NET applications.



#7 - HTTP



Polly	A resilience library for handling transient faults in HTTP requests.
RestSharp	A simple HTTP client for consuming REST APIs in .NET.
Refit	Converts REST APIs into .NET interfaces with auto-generated clients.



#8 - MS OFFICE



ClosedXML

A library for reading, writing, and manipulating Excel files.

EPPlus

A .NET library for working with Excel files, including charts and tables.

Excel-DNA

Allows creating Excel add-ins.



#9 - AUTH



Keycloak	An open-source identity and access management solution.
OpenIddict	A flexible library for adding OpenID Connect and OAuth 2.0 to apps.
Microsoft .AspNetCore .Authentication .JwtBearer	ASP.NET Core middleware for working with JWT tokens.



#10 - MESSAGING



RabbitMQ.Client	.NET client for RabbitMQ - a message broker for reliable message queuing in distributed systems.
MassTransit	Provides abstraction layer for reducing message-based complexity.
NServiceBus	A service bus for messaging and workflows in distributed .NET systems.



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