Ping authen

Service

Block diagramme

Design principals

Serilog

C#

Number array -odd number square

3 consecutive odd even true

Capitalized first element from string

Collections

Generics

Delegates

Async await

Class template to make it immutable

Sealed static readonly extension methods , linq ,entity framework , sql- indexes nonclusterd index how indexes internally work

Oops

Dynamic garbage collection multithreading task parallelism

Middleware dependency injection hosting environment lifetime of services,configurations -app settings ,hosting environment how you read configuration development environment

Dotnetcore execution lifecycle

Web servers inproc outproc kestrel server,custom middleware what is process

Web Api

API gateway,Rest Api SOAP API,CLIENT SERVER Architecture

Logging in WEB API(Generic logger,Custom logger),HttpMethods jsonpath patch different,Custom Model Binding,custom validation,return types web apis,2 series-200,4 series,Security of Web APIS

Idempotency in Web API,Ratelimiting factor in Web API,Routing in WEB API,API versioning

DEVEOPS PIPELINE RELEASE PIPELINE,CODE COVERAGE,CODE COMPLEXITY