

Introduction to Microservices

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Introduction to Microservices

- We're going to work with microservices
- The most popular architectural style in the industry
- Solves problems with the monolith architecture
- Requires design
- Note: This is not a deep-dive course about microservices

Microservices

- Architectural style where an application is broken into smaller, independently deployable services
- Services communicate between them over the network
 - Usually using standard API such as REST, GraphQL, gRPC
- Services are autonomous
- Each service can scale independently from the others
- Failures are isolated to services

The Article



Advantages of Microservices

Short deployment lifecycle

Polyglot

Independent scaling

Independent failures

Drawbacks of Microservices

Requires a lot of up-front design

A lot of moving parts

Difficult to monitor