Microservice – A solution architecture that splits each business solution into separate parts. Each application process is run as a service. These services communicate via API’s. Code does not need to be shared between services.

Notes:

* Each microservice can be developed, deployed, and scaled independently
* Microservices do not need to be written in the same language, they can use different frameworks, and they can use different databases

Benefits of using microservices

* Scalable: Each microservice can scale independently, based off of its needs
* Technology Diversity: Each microservice can be created using the most appropriate technology for its purpose
* Independent Teams: Each microservice can have its own team working on it
* CI/CD: Each microservice can be developed, tested, and deployed independently

Videos Explaining Microservices

[Microservices Explained in 5 Minutes (youtube.com)](https://www.youtube.com/watch?v=lL_j7ilk7rc)

[What are Microservices? (youtube.com)](https://www.youtube.com/watch?v=CdBtNQZH8a4)

Articles Talking about Microservices

[What are Microservices? | AWS (amazon.com)](https://aws.amazon.com/microservices/)

[What are Microservices? - GeeksforGeeks](https://www.geeksforgeeks.org/microservices/)

Example of how Amazon uses microservices

A black screen with white text

Description automatically generated