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# Monolithic **VS** Microservices



*Art by crueniaone*



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## What is Monolithic

A monolithic architecture is a traditional model of a software program, which is built as a unified unit that is self-contained and independent from other applications.

It allows everything in the monolith to be released at once.



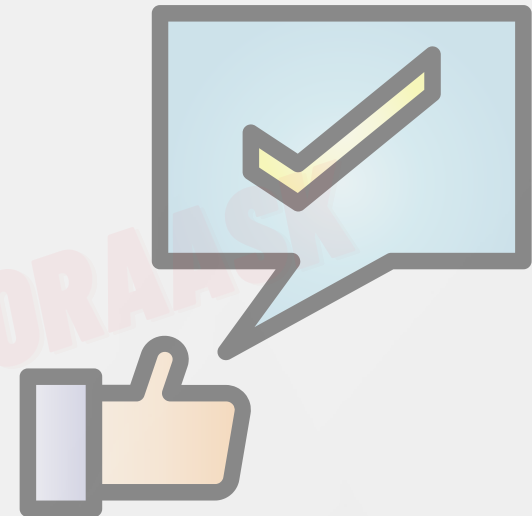
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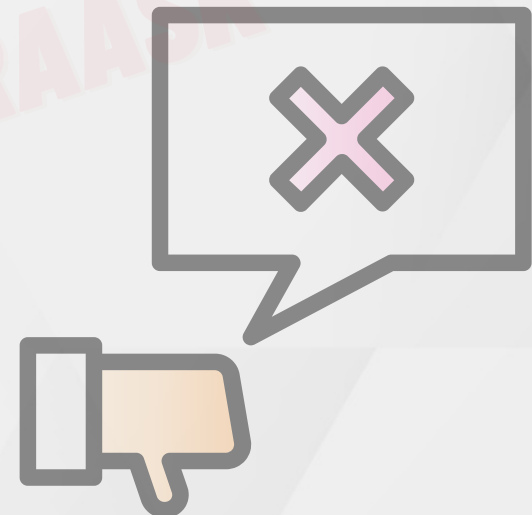
## Pros:

- Easy deployment
- Development
- Performance
- Simplified testing
- Easy debugging



## Cons:

- Slower development speed
- Scalability
- Reliability
- Technology adoption
- Lack of flexibility



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## What is Microservices

A microservices architecture, is an architectural method that relies on a series of independently deployable services.

These services have their own business logic and database with a specific goal. Updating, testing, deployment, and scaling occur within each service.



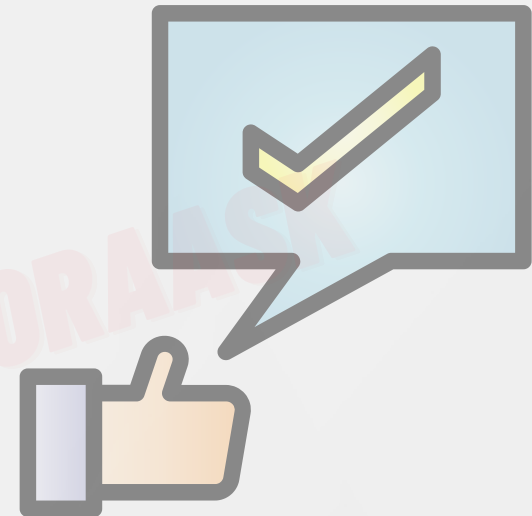
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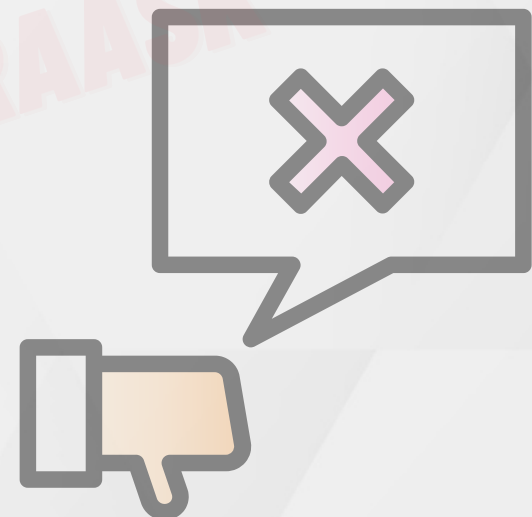
## Pros:

- Agility
- Flexible scaling
- Continuous deployment
- Independently deployable
- Technology flexibility



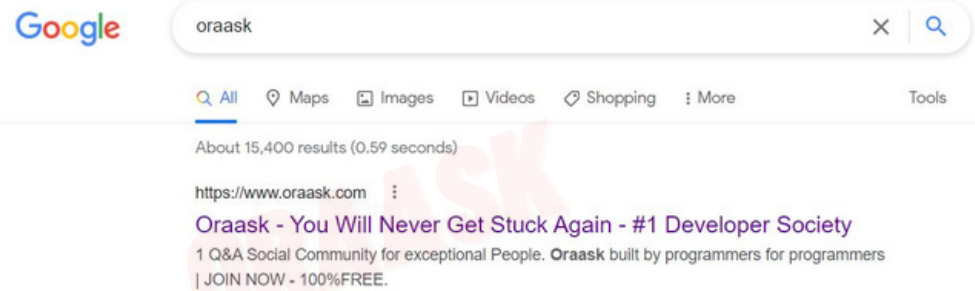
## Cons:

- Exponential infrastructure costs
- Debugging challenges
- Lack of standardization
- Lack of clear ownership

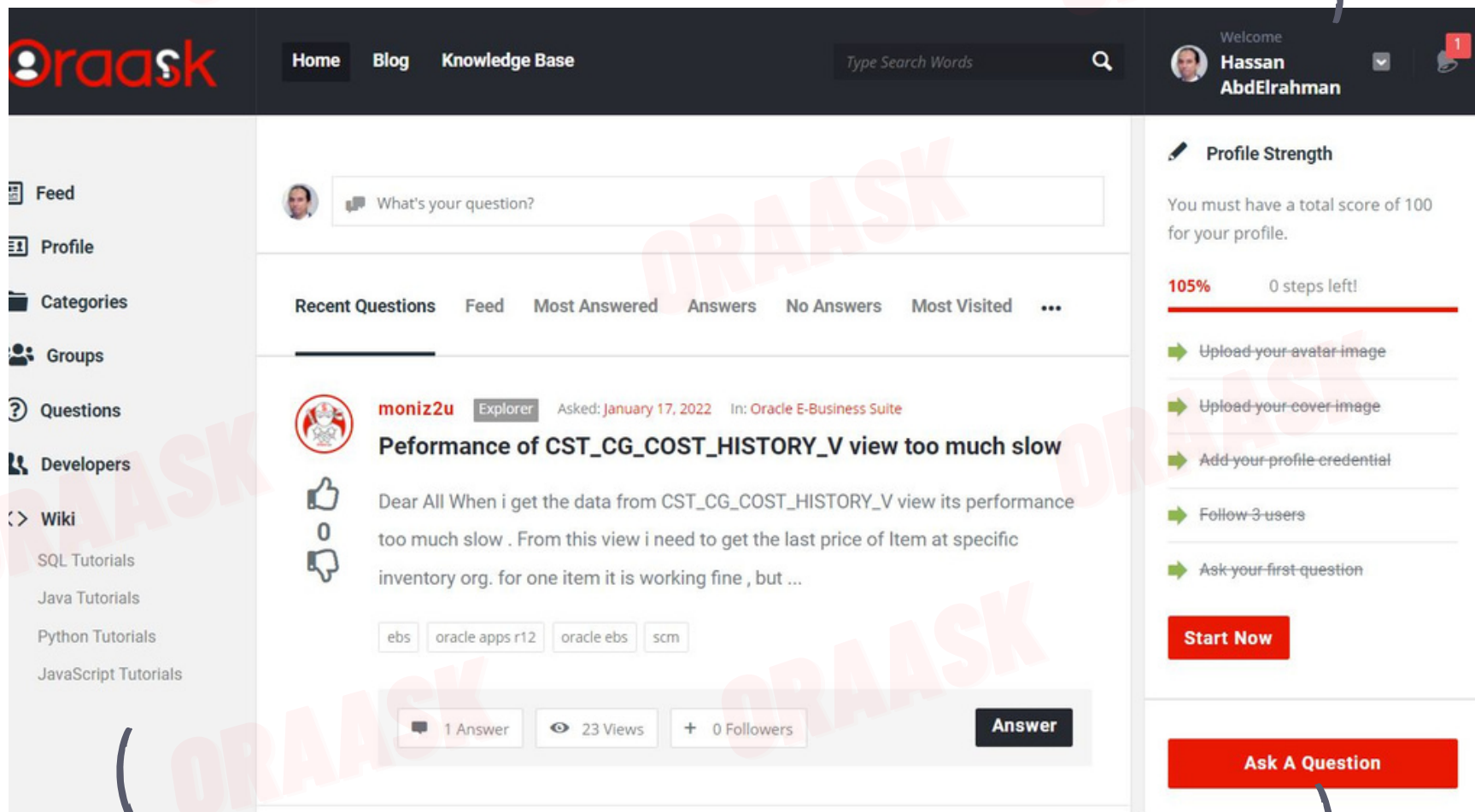


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