

### ***Spring Questions***

- What are Annotations and how it is helpful.
- What if we do not use appropriate annotations for any class
  - Example over DAO class if we use @Service
- Explain bean life cycle.
- Do we have any other ways to implement @PostConstruct / @PreDestroy?
- What is Application Context.
- What does context.stop() / context.close() in webApp and standalone application.
  - Is it good to apply above things in app, if not then do we have any other alternatives?
- How Spring helps to create Application Context for WebApp.

### ***Rest API Questions***

- What is Rest Template?
- Difference between getForEntity() vs getObject().
- What are the methods to call another API and get data?
- What is the good Status code for delete request?
- What does time out and why we use it?
- Can we have multiple threads to serve one request in server.
  - Where does these threads store?
  - What are the Exceptions we can get while time out?
- What is versioning in Rest.
  - How we can achieve it.
- What is content negotiation
  - How we can achieve it.

### ***Spring AOP questions***

- What are cross cutting concerns.
  - Where we should implement those in microservice environment.
- What are the annotations for the AOP?

### ***Core Java Questions.***

- HashMap Working
- List vs Set vs Vector
- What is Fail-fast and Fail-safe Collections.
- How we can avoid Concurrent Modification Exceptions.
- What is return type of Arrays.asList().
- What is marker interface.
  - What is the use of it?
  - Can we use normal interface instead?

### ***Spring Security Questions***

- What type of authentication we use while serving request?
  - What is bearer
  - Which authentication is best to use?
- Give the overview for authentication while we use Spring Security.

### ***Extras***

- How to implement custom validator questions.
- How to create annotations.