Company : Persistence Systems

Source : YouTube - [Drunken Engineer](https://www.youtube.com/channel/UCA5_VnWfUVy7nPm8UIM-mtg)

[(4189) Persistent Systems Interview Experience | Interview Questions - YouTube](https://www.youtube.com/watch?v=7bQYHZqYDm8)

1. Technical round 1
2. Technical round2
3. Manegerial Interview round
4. HR

Interview topics : Java Spring hibernate Spring Boot

Interview questions :

Java/Design patterns :

1. How will you ensure that a Thread will be killed after performing its operation ?
2. Design Your own HashMap
3. Make a class immutable
4. What is Hash set and how does it work internally ?
5. Explain the internal logic of the object creation
6. Explain about exception handling
7. Explain about various memory locations in JVM
8. What is static constructor?
9. List down some best practices while coding

Spring/ Hibernate /Spring Boot :

1. Explain the process to create REST service in spring
2. Explain How DI and IOC are related to each other and how they work
3. What are the different scopes supported by spring
4. Is singleton beans are thread safe in spring ?
5. Differences between Application context and bean factory ?
6. What are the different modes of auto wiring ?
7. What are the types of the transaction management supported by spring ?
8. In which scenarios we use declarative and programmatic transaction managements ?
9. What is dispatcher servlet and what is contextLoaderListener
10. Explain about spring AOP ?
11. What are all the ways to access Hibernate using spring ?
12. Explain about @Component , @Controller , @Repository , @ Service etc annotations .
13. Explain about Hibernate framework
14. Explain about Hibernate Configuration file
15. Explain about Hibernate Mapping File
16. Explain about annotation used in Hibernate Mapping
17. Explain the difference between openSession and getCurrentSession ?
18. How to configure second level cache with EHCache ?
19. What is hibernate proxy and how it helps in lazy Loading?
20. What design patterns are used in hibernate framework ?
21. Explain why one should go for Spring boot ?
22. Internal working of @SpringBootApplication annotation
23. What is the function of swagger in springboot ?

Managerial Round :

1. Why are you looking out for a change?
2. Any specific achievements that you would like to share?
3. What are your roles and responsibilities?

Company : ProKarma

Source : YouTube - [Drunken Engineer](https://www.youtube.com/channel/UCA5_VnWfUVy7nPm8UIM-mtg)

[(4190) ProKarma Interview Experience | #java #InterviewQuestions - YouTube](https://www.youtube.com/watch?v=IgnfZS458uc)

Interview questions :

Java/Design patterns/Spring Boot/hibernate/general :

1. What is the difference between JDK and JRE
2. What is Jar and war
3. What are Checked and Unchecked Exceptions
4. Runnable Vs Thread
5. What methods are present in Object class
6. What is polymorphism
7. What is the difference between Error and exception?
8. What are the feature of Java 8
9. How do you test your code
10. Write a program to reverse a string without using String API
11. Throw Vs Throws
12. What is deadlock
13. Comparable Vs Comparator
14. What is the difference between hashMap and concurrent hashmap
15. What are the different scopes supported by spring
16. Internal working of @SpringBootApplication annotation
17. What all design patterns you know?
18. Tell me about your self
19. Explain project architecture
20. What are your roles and responsibilities
21. What is your team size
22. Explain about Agile

Company : Cognizant

Source : YouTube - [Drunken Engineer](https://www.youtube.com/channel/UCA5_VnWfUVy7nPm8UIM-mtg)

1. What are the different types of ResultSet in JDBC.
2. What is row-set in JDBC
3. What is executor Framework
4. What is meant by thread pooling
5. What is thread join
6. What is thread local
7. What is the purpose of connection pooling and why do we use connection pooling
8. How to generate custom ID using Hibernate
9. What is functional interface
10. Why and when do we use functional interface with real time example
11. What is the default method in Functional Interface
12. When do we use default methods
13. Difference between concurrent map and synchronized map ?
14. How does hashmap behaves if hashcode method is overridden but not equals

Company : DBS

Source : YouTube - [Drunken Engineer](https://www.youtube.com/channel/UCA5_VnWfUVy7nPm8UIM-mtg)

[(4286) DBS Interview Questions | Interview Experience - YouTube](https://www.youtube.com/watch?v=d0T7HiDc_4Q)

Interview Process :

1. Hacker rank online test
2. F2F Technical discussion
3. Onsite Technical discussion

Interview questions :

Java/Design patterns/Spring Boot/hibernate/General :

Company : CapeGemini

Source : YouTube – Rainak Majumder

[(4681) SELECTED | CAPGEMENI BANGALORE | Java microservice spring boot real time interview | Teams interview - YouTube](https://www.youtube.com/watch?v=Nj12sjQ23Aw)

Interview Questions:

Java/Design patterns/Spring Boot/hibernate/General:

1. Can we override private and static methods
2. What is the difference between Hash Map and Hash Table
3. What is single ton and how can we break it
4. What is immutable object and how to create custom immutable class
5. How hashmap works internally and what is hash collision
6. What is executor service
7. What is completablefutre?
8. What is deadlock?
9. New features in Java8
10. What is flatmap?
11. How can we filter integer array?
12. What is ConcurrentHashMap?