

Hibernate Framework:

- How to use mapping files, configuration files and Session object
- Instance states
- How to generate ID
- How to implement Inheritance in Hibernate
- Working with relationship between entities
- Transactions in Hibernate
- Querying with HQL (Hibernate Query Language)
- Named queries
- Working with Criteria Interface
- Caching and fetching
- Using Hibernate in different types of applications

Spring Framework

- Introduction to Spring 3.0
- Steps to use Spring Framework in applications
- Understanding IOC and Dependency Injection
- Understanding the bean life-cycle – Auto wiring and bean scopes
- Annotation-based dependency injection
- Adding behavior to an application using aspects – AOP
- Creating and applying aspects
- Introducing data access with Spring – JDBC through spring
- Transactions in a Spring environment
- Getting started with Hibernate in a Spring environment
- Working with Spring MVC
- Spring MVC Form Handling

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