**Java-8:**

* Streams
* Lambda Expressions
* Functional Interface
* Static Method
* Default method
* Predicate & Supplier and Consumer Interface
* Optional class

**Spring**:

* IOC container
* Dependency Injection
* Bean
* Autowiring
* Qualifiers
* Annotations
* Spring boot crud operations - POST, GET, PUT, DELETE Mappings
* Entity designing
* **Hibernate mappings** – oneToOne, manyToOne, OneToMany, ManyToMany
* **Jpa repository** --- Java Persistance API
* **CRUD Repository**
* Jpa anotations
* Jpa queries – inbuilt, customised
* Jpql queries
* SQL -native queries
* Db connections with mysql
* H2 database- in-memory database – temporary database
* Spring Profiles
* Actuators
* Spring boot Exception’s handlings – custom exceptions and global exceptions
* POST MAN
* GIT version control tool
* Lombok plugin
* Maven build tool
* Tomcat server

**Junit:/ Mockito testing**

* **Microserices**:
* Springcloud API Gateway
* Eureka server-client
* Feign client API