CJC

Complete Java Classes
–BY KUNAL SIR

HIBERNATE · Java · SQL · MySQL · spring

ADVANCE JAVA
SYLLABUS

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📍 Complete Java Classes,
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About us

CJC
Complete Java Classes
–BY KUNAL SIR

Mr. Kunal Sonu, the Director of Complete Java Classes has Masters degree in Computer Application. He has **12+ years of experience** as a certified trainer in Java/J2EE technologies. We provide this industry level knowledge to our valuable candidates which is helpful for candidates to getting placed in the IT industry. Complete java classes by kunal sir is IT carrier building plateform for students and job seekers. We have a team of highly skilled and professional trainers so we can provide a better assistance of our students.
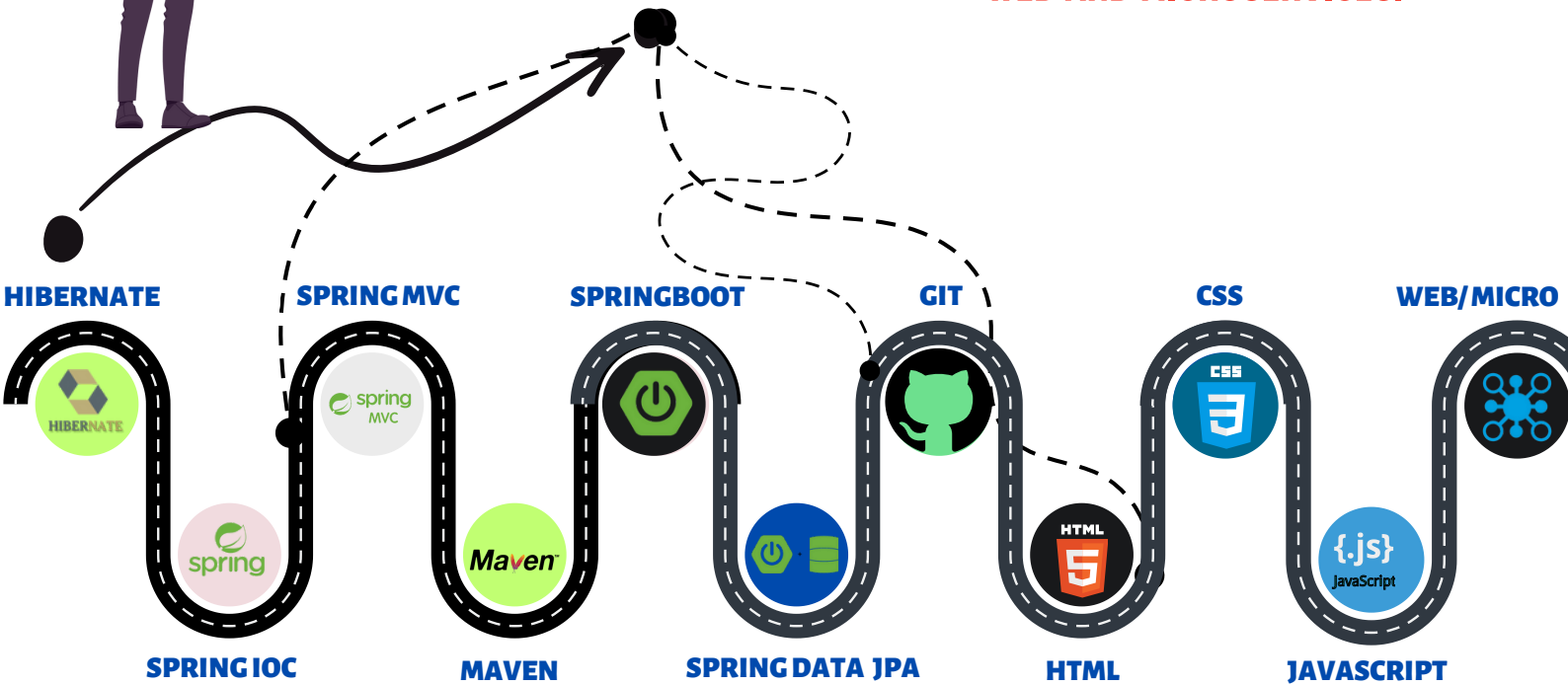
Why we are?

- Expert and professional trainers.
- Test Assessments on weekly bases.
- Conduct weekly mock interview sessions.
- To enhance your skill at industry level.
- Providing the industry oriented training.
- We provide the ready made notes and recorded video sessions in our CJC official mobile application.
- We provide the guidence for building the resume.
- Providing the Batch shifting facility (In a year) .
- We enhance your presentation and communication skill.
- We provide the Certificate after the successful completion of our course.
- We provide digital class room facility.
- Availability of Weekdays and weekend batches.

01. HIBERNATE

Introduction Of Hibernate Framework.
Introduction Of ORM.
Advantage Of ORM.
Hibernate Architecture.
Installation and Direction Structure.
Hibernate Configuration File (HibernateUtil).
Hibernate Java Based First Project Creation.
Hibernate Annotations.
SessionFactory and Session interfaces.
Methods of Session Interface.
Save, update , delete, persist methods.
Difference between Load and Get method
Types of Hibernate Mapping (One -To-One,
One To -Many,Many-To-One,- Many-To-Many)
Hibernate Query Language (HQL).
Hibernate Life Cycle.
Caching in Hibernate (First and Second Level).
Hibernate CRUD Operation.

Hibernate Project

02. SPRING IOC

Introduction Of Spring Framework.
Spring Modules.
What Is Spring IOC Container.
Types Of IOC Container (Bean Factory &
Application Context).
Spring Bean Life Cycle.
Bean Scope (Singleton/Prototype Scope).
Lazy And Eagar Loading Concept.
Dependency Injection .
Setter Based & Constructor Based.
Primitive, Secondary and Collection Type.
Auto Wiring (XML, Annotation Based).
Scope Combination .

03. SPRING WEB MVC

What is Spring MVC.
Features Of Web MVC.
Life Cycle Of Web MVC.
Create The Request And View Pages.
Create Controller .
Configure Dispatcher Servlet.
Configure View Resolver.
Stereotype Annotation In MVC.
Spring MVC Annotation .
Spring Hibernate Integration.
CRUD Application On Spring MVC.

04. MAVEN

Introduction To Maven.
Maven Repositories.
Maven Life-Cycle.
POM concept.
Maven Dependencies.
Spring Boot Project With Maven.

05. SPRING BOOT

Spring Boot Introduction.
Spring Boot Features.
Advantages Over Spring Web MVC.
Way to creates spring boot Application.
Spring Initializer (https://start.spring.io/).
Spring tool suite (STS IDE) .
Simple Application Using Spring Boot.
Spring Boot Starters.
@ Spring Boot Application Annotation.
Spring Application.run() method.
Spring Application Class.
Spring Boot Actuator.
Spring Profiles.

06. SPRING DATA JPA

Spring Boot Data-base.
Spring Boot JPA annotations.
CrudRepository.
PagingAndSortingRepository.
JpaRepository.
Custom Queries.
CRUD Application on Spring Boot

Spring Boot Project

07. GIT

Git Introduction.
Git Setup.
Basic commands.
Learn about Git Branches.
Git Remotes.
Resolve Git Merge conflicts.

08. HTML

Introduction of HTML.
Basic Formatting Tags.
Grouping Using Div., Span,
Lists Images Hyperlink Table.
Iframe Form.
Headers .
Miscellaneous Etc.

09. CSS

Introduction of CSS.
CSS Syntax .
Selectors.
Color Background Cursor.
Text Fonts.
Lists Tables.
Box Model.
Display Positioning.
Floats .

10. JavaScript

Introduction to JS.
Data members in JS.
Arrays in JS.
Objects in JS.
function in JS.
Control statements.
Looping Statements.
Arrow Function.
JS with HTML.
JS events.
DOM Object.
DOM methods.

11. Web Services

What is an API?
What are Web Services
Why web services?
Postman Tool
Web Services-Architecture
Type of Web Services
o RESTful web services
Java Web Services API
Database connection for API
Web Service Producer and Consumer
Comminication between two API using
FeignClient/RestClient/WebClient

WebService Project

12. MicroServices

What are microservices?
Why build microservices
Application architecture patterns
o Monolithic architecture
o Microservice architecture
Microservices with springboot
Connecting microservices to Eureka
naming server
Distributing calls using Eureka
Producer and Consumer
Introduction to API Gateways
What is an API Gateway?
Spring Cloud Gateway
Spring Cloud configuration using GIT
repository

Mock Sessions

OUR PLACEMENTS

Student Reviews

CJC
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-BY KUNAL SIR

Best classes in pune.
★★★★★

Prashant Warungase

CJC is the best classes in Pune for Java full stack. The teaching staff is so supportive and friendly. They give there best to developed students languages and I suggest to get your admission in CJC by Kunal sir to get best education of language.

Nice environment.
★★★★★

Chandramani Katkamble

Class environment is very nice....all staff is cooperative and Kunal sir helped to build confidence in java programing although i am from non tech background also the practical guidance is very good specially Mr.Nandkishor sir guides personally every student.

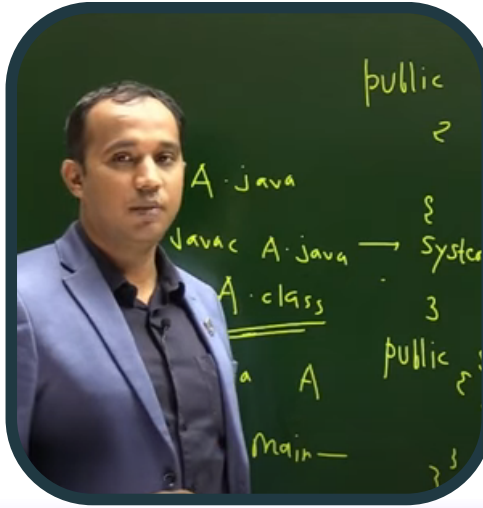## Best Institute
★★★★★

Navista Kusur

CJC institute is the best class in Pune.The teaching staff is very supportive and friendly.They give best training.I suggest give admission in cjc by Kunal sir to get the knowledge about languages

Encouraging sessions
★★★★★

Amit Bodake

CJC is one of best platform for learning full stack developer and environment of teaching and practical session is encouraging for students

Online & Offline Both Classes
Get Placed In Top IT- Companies
Become a Pro Working Professional
100 % Job Placement Assurance

DATA SCIENCE

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TESTING

C & CPP

PYTHON

POWER-BI

ANGULAR

DEVOPS

CJC_PUNE

Contact us

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4.8 ★★★★★ 1,047 reviews

Directions

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