

JAVA FULL STACK

(90 – 100 Hrs)



For More Details Contact:

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***HTML* (5 Hrs)**

- 1 Text**
- 2 Headings**
- 3 Paragraphs**
- 4 Styles**
- 5 List**
- 6 Links**
- 7 Images**
- 8 Tables**
- 9 Forms**
- 10 Audio and Video**
- 11 Buttons**

***CSS* (15 Hrs)**

- | | |
|--------------------|---------------------------|
| 1 Colors | 12 Transition |
| 2 Text | 13 Animation |
| 3 Boxes | 14 Pseudo-classes |
| 4 Fonts | 15 Pseudo-Elements |
| 5 Borders | 16 Media Query |
| 6 Position | |
| 7 Padding | |
| 8 Float | |
| 9 Gradient | |
| 10 Flex Box | |

11 CSS grids

*** JavaScript * (15 Hrs)**

1 Introduction to JavaScript

2 Variables and Data Types

3 Operators

4 Control statements

5 Strings

6 Arrays

7 Functions

8 Math functions

9 Class method object

10 DOM, DOM events, event listener

11 JSON

12 Spread operator

13 Rest Operator

14 Objects

15 Set Timeout, Set interval

16 Fetch

17 Regex

*** React.js * (15 Hrs)**

1 React intro

2 Functional Components

3 Class Components

4 Props and states

5 React hooks

6 Life Cycle methods

7 Props drilling

8 Bootstrap Intro

9 Routing

10 Forms

11 React axios(GET, PUT, POST, DELETE, PATCH)

12 Simple React Project using CSS

***Core Java* (20 Hrs)**

- 1 Basic Program**
- 2 Same & Different Package**
- 3 Scanner**
- 4 Data Types**
- 5 Inheritance**
- 6 Polymorphism**
- 7 Abstraction**
- 8 Conditional Statement**
- 9 Looping Statement**
- 10 String methods**
- 11 String Types**
- 12 Array**
- 13 Collections List**
- 14 Set**
- 15 Map**
- 16 Constructor**
- 17 Exception**
- 18 Exception Handling**
- 19 Types of Variables**
- 20 Access Specifier / Modifier**
- 21 Encapsulation**
- 22 Singleton**

23 File Operations

***Adv. Java* (10 Hrs)**

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|---|--------------------------------|---|-----------------------|
| 1 | J2EE Intro | 5 | Scriptlet |
| 2 | JSP and servlet | 6 | Read data using JDBC |
| 3 | GET vs POST | 7 | Write Data using JDBC |
| 4 | Response writer and dispatcher | 8 | SQL Topics |

***Spring Boot* (15 Hrs)**

- 1 Introduction Of SpringBoot
- 2 Lombok
- 3 Debug
- 4 MVC Design Pattern & Maven Project, pom.xml
- 5 Return Concept
- 6 Spring Boot Architecture
- 7 Spring Boot Installation & Annotations
- 8 Tightly vs Loosely Coupled
- 9 Crud Operations Get Mapping
- 10 Responsive Entity Code with Get
- 11 Json Object vs Array Get
- 12 Post Mapping as Json
- 13 DB Connection Get all (Oracle & MySQL)
- 14 DB Get specific Data
- 15 DB Post, Put, Patch & Delete
- 16 Rest API, Front end and Back end connection

Other Topics, Preparation, and Mock (15 Hrs). Total → (90 to 100 Hrs)