

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)**

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|--------------------|---------------------------|
| 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)**

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|---|---|
| 1 Introduction to JavaScript | 12 Spread operator |
| 2 Variables and Data Types | 13 Rest Operator |
| 3 Operators | 14 Objects |
| 4 Control statements | 15 Set Timeout, Set interval |
| 5 Strings | 16 Fetch |
| 6 Arrays | 17 Regex |
| 7 Functions | |
| 8 Math functions | |
| 9 Class method object | |
| 10 DOM, DOM events, event listener | |
| 11 JSON | |

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

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| 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)