

Swift the solution, Lift the business

SWIFTNLIFT IT TECH

(SwiftnLift Media And Tech LLP)



CONTACT

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Full Stack Syllabus





FRONTEND Technologies

HTML

- 1. HTML Basics
- 2. Text Formatting
- 3. Lists
- 4. Links and Anchors
- 5. Marquee Element
- 6. Forms
- 7. Images
- 8. Div and Spans
- 9. Iframe
- 10. HTML Comments
- 11. CSS Linking
- 12. Audio, Video Tags

CSS

- 1. Introduction
- 2. CSS Selectors
- 3. CSS Properties
- 4. CSS Borders
- 5. CSS Margins and Padding
- 6. CSS Fonts
- 7. CSS Tables
- 8. CSS Background
- 9. CSS Images

BOOTSTRAP

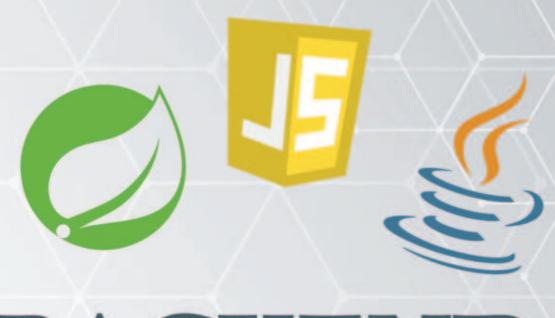
- 1. Layout and Content
- 2. Bootstrap Components / Accordion
- 3. List group, Modal
- Navbar Navs & Tabs, Pagination, Placeholders
- 5. Toasts, Tooltips, Bootstrap Utilities
- 6. Bootstrap Icons

JAVASCRIPT

- 1. Introduction to JavaScript
- 2. Variables
- 3. Data Types
- 4. Control Flow
- 5. Functions
- 6. DOM Manipulation
- 7. Using Popup Boxes
- 8. Methods in Js
- 9. Loops
- 10. Object Literals
- 11. Functions, Scope, this, try & Catch.
- 12. Methods, Events, Callback keyword

ANGULAR & TYPESCRIPT

- 1. What is Angular
- Data Binding, Handling Events & Directives
- Component Interaction, Input & Output Properties, Pipes, Services & Dependency Injection
- 4. HTTP Services and Observables
- 5. Routing in Angular
- Bootstrap and Template-Driven Forms
- 7. Introduction to TypeScript
- 8. TypeScript Fundamentals
- 9. Advanced TypeScript



BACKEND Technologies

CORE JAVA

- 1. Introduction to Java
- 2. Set Up Development Environment
- 3. Foundations of Java
- 4. Core Concept
- 5. Logic Building
- 6. Object-Oriented Programming (OOP)
- 7. Access Specifier / Modifier
- 8. Keywords
- 9. Input/Output (I/O) Streams
- 10. Exception Handling
- 11. Multithreading
- 12. Garbage Collection (GC)
- 13. Utility Classes
- 14. Framework
- 15. Java Features

ADVANCE JAVA

- 1. Introduction to Advanced Java
- 2. Java Database Connectivity (JDBC)
- 3. Java Servlets
- 4. Web Services and APIs

HIBERNATE

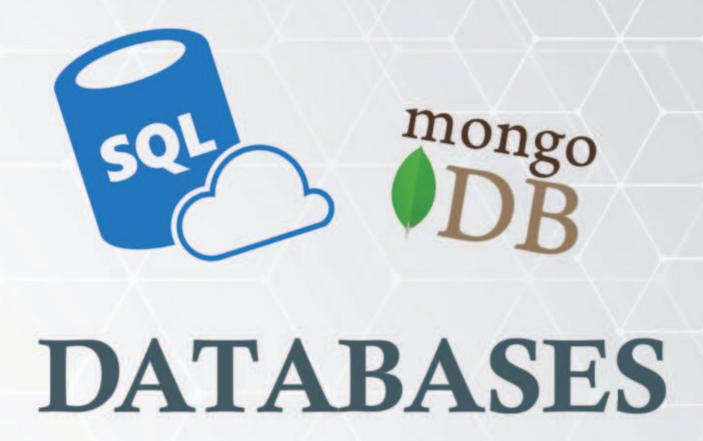
- 1. ORM
- 2. Hibernate Framework
- 3. Mapping Entities
- 4. Operations
- 5. Inbuilt Function of Hibernate
- 6. Criteria & Query

SPRING

- 1. Spring Framework
- 2. Spring Boot
- 3. Model-View-Controller (MVC)
 Spring Boot

SPRING BOOT AND MICROSERVICES

- 1. Creating Spring Boot Applications
- Dependency Injection Spring Boot Annotations
- 3. Auto-Configuration
- 4. HTTP Methods Spring Boot Hibernate Integration
- 5. Building RESTFul APIs with Spring
- 6. Introduction to Microservices Architecture
- 7. Controller and REST Endpoints
- 8. Returning Plain Text or JSON Responses.
- 9. API Testing Using POSTMAN Application.



SQL (STRUCTURED QUERY LANGUAGE)

- 1. Introduction
- 2. Database Fundamentals
- 3. SQL Essentials
- 4. Installation
- 5. SQL Statements
- 6. SQL Query
- 7. Advanced SQL

MONGODB

- 1. Introduction
- 2. Mongo Shell
- 3. Documentation and Collection
- 4. Insertion
- 5. Query Operators
- 6. Mongoose
- 7. Schema, Models.

OTHERS

- 1. Git
- 2. GitHub
- 3. Project Deployment
- 4. AWS(Basics)
- 5. Cloud Computing(Basics)

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FOR MORE INFORMATION

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